

7/21/2021

2 Person Elite Dry Bag Kit (3 Day Dry Bag)

74071 | 2 Person Elite Dry Bag Kit (3 Day Dry Bag) | Ready America, Inc.

This document contains the SDS documents for each components for the kit listed above.

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Ready America, Inc. | www.readyamerica.com |
customerservice@readyamerica.com | 800-959-4053





SAFETY DATA SHEET

(according to (EC) 1907/2006)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Bug X 30 Insect Repellent Spray

Synonyms:

N,N-Diethyl-m-toluamide, DETA

1.2. Relevant identified uses of the substance or mixture and uses advised against

For Manufacturing and End-Use Insect Repellent Products Only

1.3. Details of the supplier of the safety data sheet

Manufacturer Information: CoreTex Products, Inc.
1850 Sunnyside Court
Bakersfield, CA 93308

Non-Emergency Fax Number:

661-833-2753

E-Mail Address:

skincare@coretexproducts.com

Non-Emergency Phone Number: 877-684-5774

1.4. Emergency telephone number

CHEMTEL
1-800-255-3924 - 24 HOURS

SECTION 2: Hazards identification

HMIS Rating	
HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

2.1. Classification of the substance or mixture

(According to Regulation (EC) No 1272/2008)

Environmental Chronic Category 3

Serious Eye Damage/Eye Irritation Category 2

Skin Corrosion/Irritation Category 2

Signal Word:

Warning

Hazard Precautions:

H412 - Harmful to aquatic life with long lasting effects.

H319 - Causes serious eye irritation.

H315 - Can cause skin irritation.

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2.2. Label elements

Hazard Symbols (Pictogram):



Prevention Precautions:

P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P264 - Wash hands thoroughly after handling.

First Aid Precautions:

P337+P313 - If eye irritation persists: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362 - Take off contaminated clothing and wash before reuse.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P321 - Specific treatment (see supplemental information on this label).
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

Storage Precautions:

Not required.

Disposal Precautions:

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

Single Exposure Target Organs:

Not applicable

Repeated Exposure Target Organs:

Not applicable

(According to Directive 67/548/EEC)

Symbol: Xn, Xi, F
Risk Phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/38: Irritating to eyes and can be irritating to skin.
Safety Phrases: S2: Keep out of the reach of children.
S61: Avoid release to the environment. Refer to special instructions/safety data sheet.
S7: Keep container tightly closed.
S16: Keep away from sources of ignition - No smoking.



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2.3. Other hazards

Signs and Symptoms of Potential Overexposure: May be harmful if ingested in sufficient quantities. Non-irritating to intact skin; keep away from mucous membranes and abraded skin. Contact with eyes causes irritation. High gas, vapor, or mist concentrations may be harmful if inhaled. This product does not present an immediate concern for emergency personnel.

Primary Route(s) of Exposure: Ingestion. Skin contact, Eye contact. Inhalation.

Medical Conditions Aggravated by Exposure: No data found

SECTION 3: Composition/information on ingredients

3.1. Substances or 3.2. Mixtures

Ingredient	CAS Number	Concentration (%)	EINECS / ELINCS	EU Symbol	Risk Phrases
Water	7732-18-5	50 - 80	231-791-2	N/A	Not applicable
N,N-Diethyl-m-toluamide (DEET)	134-62-3	10 - 30	205-149-7	Xn, Xi	R22- R36/38- R52/53
Ethanol	64-17-5	8 - 12	200-578-6	F	R11
Other emulsifiers, emollients, preservatives and fragrances (present at < 1% each)	MULTIPLE	2 - 3	Not listed.	N/A	Not applicable
Emollient	TRADE SECRET	2 - 3	Not listed.	N/A	Not applicable
Lubricant	TRADE SECRET	2 - 3	Not listed.	N/A	Not applicable

NOTE: See Section 8 of this MSDS for exposure limit data for these ingredients.
See Section 15 of this MSDS for trade secret information (where applicable).
See Section 16 of this MSDS for the full text of the R-phrases above.

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin Contact: Keep away from mucous membranes and abraded skin

Eye Contact: Can cause moderate irritation. Immediately flush the eyes with plenty of water for at least 15 minutes. Call a physician.

Inhalation: High gas vapor or mist concentrations may be harmful if inhaled

Ingestion: May be harmful if ingested.

4.2. Most important symptoms and effects, both acute and delayed

Acute: May be harmful if ingested in sufficient quantities. Non-irritating to intact skin; keep away from mucous membranes and abraded skin. Contact with eyes causes irritation. High gas, vapor, or mist concentrations may be harmful if inhaled. This product does not present an immediate concern for emergency personnel.

Delayed Effects: None known.

4.3. Indication of any immediate medical attention and special treatment needed



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Thermal Exposure: Not applicable.
Note to Physician: No additional first aid information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Appropriate Extinguishing Media: Foam Dry chemical Water spray Carbon dioxide

5.2. Special hazards arising from the substance or mixture

Hazardous Products of Combustion: As with other organic materials, combustion will produce carbon monoxide and carbon dioxide.

Potential for Dust Explosion: not available

Special Flammability Hazards: Not applicable.

5.3. Advice for firefighters

Basic Fire Fighting Guidance: Wear self-contained breathing apparatus and protective clothing. Normal firefighting procedures may be used.

Flammability Classification (OSHA): Not applicable.

NFPA Rating



SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuation Procedures: Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Special Instructions: Remove all contaminated clothing to prevent further absorption. Decontaminate affected personnel using the first aid procedures in Section 4. Leather shoes that have been saturated must be discarded.

6.2. Environmental precautions

Prevent releases to soils, drains, sewers, and waterways.

6.3. Methods and material for containment and cleaning up

Containment Techniques and Clean-up Procedures: Contain spilled liquid with sand or vermiculite and place in chemical waste container Prevent runoff from entering drains, sewers, and streams

Special Reporting Requirements: Not applicable.

6.4. Reference to other sections



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Refer to section 8 for information on selecting personal protective equipment. Refer to section 13 for information on spilled product, absorbent and clean up material disposal instructions.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for Unique Hazards:** Not applicable.
- Practices to Minimize Risk:** Wear appropriate protective equipment when performing maintenance on contaminated equipment. Wash hands thoroughly before eating or smoking after handling this material.
- Special Handling Equipment:** Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

- Storage Precautions & Recommendations:** This product should be stored at ambient temperature in a dry, well-ventilated location. Keep container closed when not in use.
- Dangerous Incompatibility Reactions:** Incompatible with oxidizing materials.
- Incompatibilities with Materials of Construction:** none known

7.3. Specific end use(s)

If a chemical safety assessment has been completed an exposure scenario is attached as an annex to this Safety Data Sheet. Refer to this annex for the specific exposure scenario control parameters for uses identified in subsection 1.2.

Evenly apply to skin before exposure to insects. Use just enough product to cover exposed skin and/or clothing. Do not use under clothing.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

- Exposure Limits (United States):** OSHA PEL: 1000 ppm TWA; 1900 mg/m3 TWA ACGIH TLV: 1000 ppm STEL

8.2. Exposure controls

Also see the annex to this SDS (if applicable) for specific exposure scenario controls.

- Personal Protective Equipment:** Goggles or glasses with side shields. Clothing should be sufficient to minimize physical contact. The use of a NIOSH-approved organic vapor respirator is recommended whenever this product is used in a confined space or heated above ambient temperature.
- Respirator Caution:** Observe OSHA regulations for respirator use (29 CFR 1910.134). Air-purifying respirators must not be used in oxygen-deficient atmospheres.
- Ventilation:** All operations should be conducted in well-ventilated conditions. Local exhaust ventilation should be provided.
- Other Engineering Controls:** All appropriate engineering controls should be used to minimize exposure potential. Use exhaust ventilation to keep airborne concentrations below exposure limits.
- Thermal Hazards:** Not applicable.
- Additive or Synergistic Effects:** None known.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance, State & Odor (ambient temperature):	lotion or cream White liquid	Molecular Weight:	mixture
Molecular Formula:	mixture	Evaporation Rate:	< 1 (Butyl Acetate = 1)
Vapor Pressure:	Not available.	Vapor Density (air = 1):	Not available.
Specific Gravity or Density:	1.000	Freezing / Melting Point:	Not available. Not available.
Boiling Point:	100 °C	Octanol / Water Coefficient:	Not available.
Solubility in Water:	water emulsion	Odor Threshold:	Fragrance added
pH:	5.0 - 7.5 @ 1% aqueous solution	Autoignition Temperature:	Not available.
Viscosity:	Not available.	Flammable Limits:	Not available. (LEL) – Not available. (UEL)
Flash Point and Method:	> 201°F (> 94°C) (COC)		

9.2. Other information

Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity	Not classified as dangerously reactive.
10.2. Chemical stability	Stable
10.3. Possibility of hazardous reactions	Will not occur.
10.4. Conditions to avoid	No data.
10.5. Incompatible materials	Incompatible with oxidizing materials.
10.6. Hazardous decomposition products	Combustion will produce carbon monoxide, carbon dioxide and oxides of nitrogen. Incomplete combustion yields carbon monoxide, carbon dioxide and dense smoke.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Oral LD₅₀:	Rat (female) 2000 - 5000 mg/ kg Rat (male) > 5000 mg/ kg
Acute Dermal LD₅₀:	Dermal LD50 (rat) > 5000 mg/ kg
Acute Inhalation LC₅₀:	Inhalation LC50 (rat) > 2000 mg/m3



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Skin Irritation:	Can be irritating to skin.
Skin Sensitization:	Negative skin sensitizer
Eye Irritation:	Slight to moderate erythema observed in eyes in contact with material over 20 minutes to 3 hours.
Target Organs:	No data available.
Carcinogenicity:	Mice and rabbits exposed dermally to 0.02 mL of 10, 50 and 100% concentrations of DEET twice a week for 160 weeks had no significant differences in the number of tumors compared to controls.
Teratogenicity:	No data available.
Reproduction:	No data available.
Neurotoxicity:	No data available.
Mutagenicity:	No data available.
Additional Toxicity Information:	Skin irritation (rabbit): 50 mg; slightly irritating Eye Irritation (rabbit): 100 mg; moderately irritating

SECTION 12: Ecological information

12.1. Toxicity

Aquatic EC50 (48h) Daphnia = 56 - 100 ppm
Aquatic LC50 (96h) Oncorhynchus mykiss (rainbow trout) = 71.25 ppm
Aquatic LC50 (96h) Pimephales promelas (fathead minnow) = 110 mg/L
Aquatic LC50 Colinus virginianus (Northern bobwhite quail) = 1375 mg/kg
48 HR EC50 DAPHNIA MAGNA 2 MG/L [STATIC]
24 HR EC50 DAPHNIA MAGNA 10800 mg/L
48 HR LC50 DAPHNIA MAGNA 9268 - 14221 mg/L
96 HR LC50 PIMEPHALES PROMELAS > 100 MG/L [STATIC]

12.2. Persistence and degradability

No data Not expected to bioaccumulate. Modeling suggests rapid degradation in the atmosphere; biodegradation data suggests moderate rate of biodegradation.

12.3. Bioaccumulative potential

No data

12.4. Mobility in soil

No data

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

Not predicted to exhibit significant toxicity to fish. Ecotoxicological data are for individual components of this mixture.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

US EPA Waste Number:

Not applicable

Waste Disposal:

Dispose of this material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable international, national, regional, state or local laws. Do NOT dump



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into any sewers, on the ground, or into any body of water. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Note that disposal regulations may also apply to empty containers and equipment rinsates.

SECTION 14: Transport information

14.1. UN number	Not applicable
14.2. UN proper shipping name	Chemicals, n.o.s. (DEET, ethanol)
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	Not available.
NA Emergency Guidebook Numbers:	Not applicable
	IMDG EMS: Not applicable
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Hazards: Health: Irritant (eye). Physical: Not applicable.

WHMIS Classification: Class D, Division 2, Subdivision B: Irritant.
Class B, Division 3: Combustible Liquid.

Chemical Inventory Lists:	Status
TSCA:	Present
EINECS:	231-791-2 205-149-7 200-578-6
Canada(DSL/NDSL):	DSL
Japan:	(3)-1677; (3)-1421; (3)-1321 (2)-202
Korea:	KE-35400 KE-10492 KE-13217
Australia:	Present
New Zealand:	Present
China:	Present
Philippines:	Present
Switzerland:	G-2482



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New Zealand GHS Classification: Not classified by this country.
Japan GHS Classification: Not classified by this country.
Korea (MOL) GHS Classification: Not classified by this country.
Australia GHS Classification: Not classified by this country.
Taiwan GHS Classification: Not classified by this country.
Indonesia GHS Classification: Not classified by this country.
SARA 313: Not applicable

Other Regulatory Listings: This product is regulated under the PMRA in Canada. It must be used for purposes consistent with its labeling.
This product is regulated under the Federal Insecticide, Fungicide and Rodenticide Act. It must be used for purposes consistent with its labeling.

15.2. Chemical safety assessment

Not applicable.

SECTION 16: Other information

Full text of R phrases in Section 3: R22: Harmful if swallowed.
R36/38: Irritating to eyes and can be irritating to skin
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R11: Highly Flammable.

SECTION 1: PRODUCT IDENTIFICATION

Product: DawnMist Hand Sanitizer

Product Label Name: DawnMist Hand Sanitizer (all sizes, including private label)

Supplier Name and Address: Dukal Corporation
2 Fleetwood Court
Ronkonkoma, NY 11779

Emergency Telephone Number: 631-656-3800

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Class/Category: Flammable Liquid – 3
Eye Irritation – 2B

Hazard Symbol:



Signal Word: Warning

Hazard Statements: Flammable liquid and vapor. (H226)
Causes eye irritation. (H320)

Precautionary statements:

General: Use explosion-proof electrical/ventilating/lighting/equipment. Wash skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. (P241) (P280) (P210) (P233) (P240) (P242) (P243) (P403) (P235)

Inhalation: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. (P304+P341)

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. (P305+P338) (P337+P313)

Storage: Store in a dry place. Keep cool.



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SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration
Ethyl Alcohol 63%	64-17-5	50-100
Acrylates/C10-13 Alkyl Acrylates Crosspolymer	Proprietary	0-10
Benzophenone-4	4065-45-6	0-10
Fragrance	Proprietary	0-10
Glycerin	56-81-5	0-10
Tocopheryl	7695-91-2	0-10
Water	7732-18-5	10-50

SECTION 4: FIRST-AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. If symptoms persist, call a physician.
Skin Contact	In the case of skin irritation or allergic reactions see a physician.
Inhalation	Move to fresh air. Get medical attention immediately if symptoms occur. If breathing has stopped, contact emergency medical services immediately and give artificial respiration.
Ingestion	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Important Symptoms/Effects	Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing. May cause breathing difficulties if inhaled. Indication of any immediate medical attention and special treatment needed. Notes to Physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Vapors may form explosive mixtures with air. Most vapors are heavier than air.



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They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

Uniform Fire Code Flammable Liquid: I-C

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact	No
Sensitivity to Static Discharge	Yes

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with eyes and clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. See section 8 for more information. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other Information Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

Environmental Precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods for Containment Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

Methods for Cleaning Up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations



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SECTION 8: EXPOSURE CONTROLS

Product: None

Individual Ingredients:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Engineering Measures Showers, Eyewash stations, Ventilation systems

Personal protection measures:

Eye/face protection Tight sealing safety goggles.

Skin and Body Protection Wear protective gloves/clothing. Long sleeved clothing. Impervious gloves.

Respiratory Protection No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Remove and wash

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State Viscous Liquid
Odor Alcohol
Appearance Clear to slightly hazy, Colorless, Viscous liquid

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	7.0	None known
Flash Point	23°C / 73°F	None known



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Specific Gravity
Water Solubility

0.90
Miscible with water

None known
None known

SECTION 10: STABILITY AND REACTIVITY

When used in accordance with the directions:

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

FOR INDUSTRIAL SETTING:

Product Data: None

Toxicological hazards of individual ingredients:

Information on likely routes of exposure

Product Information

Inhalation

May cause irritation of respiratory tract.

Eye Contact

Irritating to eyes. May cause redness, itching, and pain.

Skin Contact

Prolonged contact may cause redness and irritation.

Ingestion

Ingestion may cause irritation to mucous membranes.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

No information available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol 64-17-5	-	-	= 124.7 mg/L (Rat) 4 h
Glycerin 56-81-5	-	> 10 g/kg (Rabbit)	-



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Information on toxicological effects

Symptoms Redness of the skin. May cause redness and tearing of the eyes. Itching. Rashes. Hives.

Coughing and/ or wheezing. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity N/A

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity No information available.

Target Organ Effects Eyes. Skin.

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (inhalation-dust/mist)

208.10 mg/l

SECTION 12: ECOLOGICAL INFORMATION

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

Ecotoxicity No information available.

Persistence and Degradability No information available.

Bioaccumulation No information available.

Other Adverse Effects No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Dispose of in accordance with local regulations.

US EPA Waste Number D001

California Hazardous Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.



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Chemical Name	California Hazardous Waste
Ethyl Alcohol (64-17-5)	Toxic Ignitable

SECTION 14: TRANSPORTATION INFORMATION

DOT	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
Description	UN1170, ETHANOL Solution, 3, III
Emergency Response Guide	127
UN	
UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
Description	UN1170, ETHANOL Solution, 3, III
IATA	
UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
Description	UN1170, ETHANOL Solution, 3, III
IMDG/IMO	
UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
EmS No.	F-E, S-D
Description	UN1170, ETHANOL Solution, 3, III, (23°C C.C.)

"Limited Quantity" marking required on each package for ground shipping of limited quantities without Shipping Papers, as defined in DOT CFR 172.101.



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**Non-Air Transport Ltd. Qty.
Symbol:**



**Air Transport Ltd. Qty.
Symbol:**



SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA Exempt

DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

- Acute Health Hazard** No
- Chronic Health Hazard** No
- Fire Hazard** Yes
- Sudden Release of Pressure Hazard** No
- Reactive Hazard** No

Clean Water Act (CWA)

This product does not contain any substances regulated as pollutants pursuant to the CWA (40 CFR 122.21 and 40 CFR 122.42).



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CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

U.S. State Regulations

California Proposition 65 - NONE

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New	Massachusetts	Pennsylv	Rhode	Illinois
Ethyl Alcohol 64-17-5		X			
Glycerin 56-81-5	X	X	X	X	

International Regulations

Mexico

National occupational exposure limits

Mexico

National occupational

Component	Carcin	Exposure Limits
Ethyl Alcohol 64-17-5		Mexico: TWA 1000 ppm Mexico: TWA 1000 ppm
Glycerin 56-81-5	-	10mg/m ³ (mist) TWA

Canada

WHMIS Hazard Class

B2



SECTION 16: OTHER INFORMATION

Issue Date: 03-26-2014

Revision Date: 06-18-2018

Disclaimer:

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PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product: Cleansing Towelette

Product Label Name: Cleansing Towelette

Company Name and Address: Dukal Corporation
2 Fleetwood Court
Ronkonkoma, NY 11779

Emergency Telephone Number: 631-656-3800

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Class/Category: Eye Irritant – 2B

Hazard Symbol: No Symbol Required

Signal Word: Warning

Hazard Statements: Causes eye irritation (H320)

Precautionary statements: IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. (P305+P351)
(P337+P313)

SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration	R Phrase
Isopropyl Alcohol	67-63-0	5%	R11
Benzalkonium Chloride	8001-54-5	<1%	

SECTION 4: FIRST-AID MEASURES

Emergency first aid procedures by route of exposure:

Inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: Do not induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.

Skin: If irritation is experienced, discontinue use. If irritation persists, seek medical attention.

Eyes: Rinse eyes with cool water for 15 minutes holding the eye open. Seek medical attention if irritation persists



PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: 68.5°F, TOC Method

Flammable Limits: 750°F

Extinguishing Media: Use methods appropriate for the surrounding fire. Suggested: CO₂, dry chemical powder, or alcohol resistant foam.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Environmental Precautions: Prevent discharge of large quantities to open waters.

Method for Containment: Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

Methods for Clean-Up: Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

SECTION 7: HANDLING AND STORAGE

For Handling or Storage of Large Quantities:

Handling: Be cautious of contact with eyes.

Storage: Keep the container tightly closed and in a cool, well ventilated place.

SECTION 8: EXPOSURE CONTROLS

Isopropyl Alcohol (67-63-0):

ACGIH: 200 ppm TWA

OSHA: 400 ppm TWA; 980 mg/m³ TWA

Engineering Controls: Normal room ventilation is usually adequate under normal use.



PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

Personal Protective Equipment (PPE):

Eye/Face Protection: None needed under normal use – Wear goggles is exposed to unusual amount and splashing

Skin Protection: None needed under normal use -- Wear overalls or apron if splashing is possible

Respiratory Protection: May be needed if vapor concentrations are high.

General Hygiene Considerations: None needed under normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Individually sealed Cleansing Towelette Packet (Packet may contain some free liquid).

Appearance/Color: White Towelette saturated with solution.

Odor: Alcohol, faint

PH: Not Available.

Vapor Pressure: Unknown

Flammability Properties (see section 5)

Solubility (in water): Chemical Is Soluble, Pad Not Soluble

Specific Gravity @ 25°C: 0.8405

Evaporation Rate: Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: Not Available

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Incompatible Materials: None Known

Hazardous Decomposition: Unknown

Hazardous Reactions: Polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

None

SECTION 12: ECOLOGICAL INFORMATION

Diluted alcohol solutions are mildly toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely. Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.



SAFETY DATA SHEET

PASSION. PARTNERSHIP. POSSIBILITIES.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

SECTION 14: TRANSPORTATION INFORMATION

Note: Individually sealed packet may contain some free liquid.

DOT

Proper Shipping Name

Hazard Class

Packing Group

Description

Emergency Response Guide Number

(ORM-D Exemption)

ISOPROPANOL SOLUTION

3

II

CONSUMER COMMODITY/ LTD QTY, ORM-D

127

UN-No.

Proper Shipping Name

Hazard Class

Packing Group

Description

Limited Quantity

UN1219

ISOPROPANOL SOLUTION

3

II

UN1219, ISOPROPANOL SOLUTION, 3, II

1 Liter

IATA

UN-No.

Proper Shipping Name

Hazard Class

Packing Group

Description

Marine Pollutant

UN1219

ISOPROPANOL SOLUTION

3

II

UN1219, ISOPROPANOL SOLUTION, 3, II

NO

IMDG/IMO

UN-No.

Proper Shipping Name

Hazard Class

Packing Group

EMS No.

Description

Marine Pollutant

UN1219

ISOPROPANOL SOLUTION

3

II

F-E, S-D

UN1219, ISOPROPANOL SOLUTION, 3, II,

NO



PASSION. PARTNERSHIP. POSSIBILITIES.

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DOT Ground ORM-D:

ORM-D Exemption:

ORM-D (Other Regulated Material – Domestic): Consumer Commodity, Limited Quantity.

“ORM-D, Consumer Commodity” label for domestic ground shipping in consumer packaging only. Suitable ORM-D labelling for air and vessel shipments requires additional labelling and Shipping Papers, in accordance with DOT CFR 172.

“Limited Quantity” marking required on each package for ground shipping of limited quantities (1 Liter or less) without Shipping Papers, as defined in DOT CFR 172.101.

SECTION 15: REGULATORY INFORMATION

5% Isopropanol Solution Not Classified as Hazardous.

SECTION 16: OTHER INFORMATION

Issue Date: 03-26-2014

Revision Date: 07-12-2016

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GLOW STICK

Safety Data Sheet

According to OSHA Hazard Communication Standard 29 CFR 1910.1200

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Ready America Emergency Lightsticks, Ready America Lightsticks, 8 Hour Lightsticks, 12 Hour Lightsticks, Mayday Lightsticks
Product description : 12 Hour Emergency Lightstick, 8 Hour Emergency Lightsticks 2 Pack, 8 Hour Special Value 3 Pack, 12 Hour Mayday 6" Lightstick, Glowstick, Light Stick, Lightstick in Assorted Colors Green, Orange

1.2. Recommended use and restrictions on use

Main use category : Used for Emergency Lighting during Disasters, Blackouts, all occasions
Restrictions on use : No restrictions, no sparks or flames

1.3. Supplier

Supplier : Xiamen Long Afterglow Co., Ltd.
Address : No.1043, Tong Ji Zhong Road, Tong An Area, Xiamen, Fujian Province, China
Phone : +86-592-3675699
FAX : +86-592-3675698
E-mail : elaine@glo-novelty.com
Web : www.glo-novelty.com

Importer : Ready America, Inc.
Address : 1399 Specialty Drive, Vista CA 92081
Phone : 1 800 959 4053
E-mail : customerservice@readyamerica.com
Web : www.readyamerica.com

1.4. Emergency telephone number

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

No labelling applicable
Hazard pictograms (GHS-US) : None
Signal word (GHS-US) : None
Hazard statements (GHS-US) : Not applicable
Precautionary statements (GHS-US) : Not applicable

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

Technical Report No.: 64.165.18.00501.02

TÜV SÜD Group

5F, Communication Building, 163 Pingyun Rd, Huangpu West Ave.

Engineer: Kevin Zhang

Guangzhou 510656, P.R. China

2018-03-06

Tel.: +86 20 3832 0668, Fax: +86 20 3832 0478

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2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Dimethyl phthalate	(CAS-No.) 131-11-3	58.5
Butyl benzoate	(CAS-No.) 136-60-7	28.5
Water	(CAS-No.) 7732-18-5	6
Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	(CAS-No.) 75203-51-9	4.7
Hydrogen peroxide	(CAS-No.) 7722-84-1	2.2
Anthracene, 9,10-bis(phenylethynyl)-	(CAS-No.) 10075-85-1	0.1

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show directions for use or safety data sheet if possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing; Give oxygen or artificial respiration if necessary; If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash skin with plenty of water and take off contaminated clothing; If skin irritation or rash occurs: Get medical advice/attention; Wash contaminated clothing before reuse
First-aid measures after eye contact	: Rinse cautiously with water for several minutes while holding the eyelids wide open; Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
First-aid measures after ingestion	: If swallowed, rinse mouth; Do not induce vomiting; Give nothing or a little water to drink; Never give anything by mouth to an unconscious person; If you feel unwell, seek medical advice;

4.2. Most important symptoms and effects (acute and delayed)

No information available.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use carbon dioxide, dry extinguishing media, water spray, water.
Unsuitable extinguishing media	: None

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Combustion produces toxic or irritating gases and fumes.

GLOW STICK

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According to OSHA Hazard Communication Standard 29 CFR 1910.1200



5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Evacuate personnel to a safe area. Move containers from fire area if it can be done without personal risk. Cool tanks/drums with water spray/remove them into safety. Stay upwind. Avoid breathing vapour or dusts. Provide storage and work areas with suitable fire extinguishers. Collect contaminated firefighting water separately, it must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and inhalation of vapors

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Stop leak if safe to do so. Evacuate personnel to a safe area; Ensure adequate ventilation, especially in confined areas; No flames, no sparks. Eliminate all sources of ignition.

6.2. Environmental precautions

Although the product is not classified as dangerous to the environment, it is advised that in the event of an accidental release the product should be prevented from reaching the sewage system or any water course, and from penetrating the ground/soil. Dispose of spilled material in accordance with the relevant local regulations. See Section 13 for disposal considerations.

6.3. Methods and material for containment and cleaning up

- For containment : Isolate the spillage. Ensure adequate ventilation. Collect mechanically. Fill into labeled, suitable sealed containers for disposal in accordance with local authority regulations
- Methods for cleaning up : For large amounts: Transfer product into suitable containers.
For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practice
Ensure adequate ventilation, especially in confined areas
Observe personal protective measures listed in section 8.
Do not handle until all safety precautions have been read and understood
Avoid contact with skin, eyes or clothing
Wash contaminated clothing before reuse
Keep away from heat, sparks, flame and other sources of ignition
Avoid breathing vapors or mists
Any deposit of dust which cannot be avoided must be removed regularly.
- Hygiene measures : Do not eat, drink or smoke when using this product.
Always wash hands after handling the product.
Remove contaminated clothing and protective equipment before entering eating areas.
Avoid formation of dust, inhalation and ingestion.
Avoid contact with eyes, skin and clothing.

GLOW STICK

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According to OSHA Hazard Communication Standard 29 CFR 1910.1200



7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep containers tightly closed in a dry, cool and well-ventilated place
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep locked up and out of reach of children
Keep away from food, drink and animal feeding stuffs
Always keep in containers of the same material as the original one
Store away from incompatible substances (reducing agents, nitrite salts and potassium chlorate).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Dimethyl phthalate (131-11-3)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
IDLH	US IDLH (mg/m ³)	2000 mg/m ³
NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³
Butyl benzoate (136-60-7)		
Not applicable		
Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate (75203-51-9)		
Not applicable		
Hydrogen peroxide (7722-84-1)		
ACGIH	ACGIH TWA (ppm)	1 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	1.4 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1 ppm
IDLH	US IDLH (ppm)	75 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	1.4 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	1 ppm
Water (7732-18-5)		
Not applicable		
Anthracene, 9,10-bis(phenylethynyl)- (10075-85-1)		
Not applicable		

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Remove all sources of ignition.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear appropriate chemical resistant gloves.

Eye protection:

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin and body protection:

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Wear appropriate chemical resistant clothing.

Respiratory protection:

The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA.

50 mg/m³

Any air-purifying full-facepiece respirator equipped with an N95, R95, or P95 filter. The following filters may also be used: N99, R99, P99, N100, R100 or P100.

125 mg/m³

Any supplied-air respirator operated in a continuous-flow mode.

Any powered, air-purifying respirator with a high-efficiency particulate filter.

250 mg/m³

Any air-purifying, full-facepiece respirator equipped with an N100, R100, or P100 filter.

Any self-contained breathing apparatus with a full facepiece.

Any supplied-air respirator with a full facepiece.

2000 mg/m³

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode.

Emergency or planned entry into unknown concentrations or IDLH conditions

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

Escape

Any air-purifying, full-facepiece respirator equipped with an N100, R100, or P100 filter.

Any appropriate escape-type, self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Boiling point	: No data available
Flash point	: >200°F (93.3°C) Closed Cup
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: The product is not classified as flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: Not explosive based on experience and structural considerations
Oxidising properties	: Not oxidizing based on experience and structural considerations

GLOW STICK

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According to OSHA Hazard Communication Standard 29 CFR 1910.1200



9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage and handling conditions (see section 7, handling and storage).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Will not polymerize.

10.4. Conditions to avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

10.5. Incompatible materials

Acids, bases, oxidizing materials.

10.6. Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO₂) and other toxic vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Dimethyl phthalate (131-11-3)	
LD50 oral rat	6800 mg/kg
Butyl benzoate (136-60-7)	
LD50 oral rat	735 mg/kg
Hydrogen peroxide (7722-84-1)	
LD50 oral rat	801 mg/kg
LD50 dermal rat	4060 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 inhalation rat (mg/l)	2 g/m ³ (Exposure time: 4 h)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Dimethyl phthalate (131-11-3)	
LC50 fish	49.5 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

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Dimethyl phthalate (131-11-3)	
LC50 fish	39 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 fish	37 - 69 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish	121 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 fish	100 - 220 mg/l (Exposure time: 96 h - Species: Leuciscus idus [static])
LC50 fish	56 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia	33 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Algae	20.6 - 45.8 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)
EC50 Algae	28.4 - 71 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)
EC50 Algae	142 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)
EC50 Algae	26.1 mg/l (Exposure time: 96 h - Species: Skeletonema costatum)
EC50 Algae	204 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)

Hydrogen peroxide (7722-84-1)	
LC50 fish	16.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 fish	18 - 56 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish	10 - 32 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia	18 - 32 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 Daphnia	7.7 mg/l (Exposure time: 24 h - Species: Daphnia magna [Static])
EC50 Algae	2.5 mg/l (Exposure time: 72 h)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Dimethyl phthalate (131-11-3)	
BCF fish 1	4.7 - 57
Log Pow	2.12

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

GWPmix comment : No known effects from this product.

Dimethyl phthalate (131-11-3)	
1990 Hazardous Air Pollutant (Clean Air Act)	Yes

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

GLOW STICK

Safety Data Sheet

According to OSHA Hazard Communication Standard 29 CFR 1910.1200



Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Dimethyl phthalate (131-11-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ	5000 lb
-----------	---------

Butyl benzoate (136-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Hydrogen peroxide (7722-84-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Section 302 EPCRA Reportable Quantity (RQ)	1000 lb concentration >52%
--	----------------------------

SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb (concentration >52%)
--	------------------------------

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Anthracene, 9,10-bis(phenylethynyl)- (10075-85-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Dimethyl phthalate (131-11-3)

Listed on the Canadian DSL (Domestic Substances List)

Butyl benzoate (136-60-7)

Listed on the Canadian DSL (Domestic Substances List)

Hydrogen peroxide (7722-84-1)

Listed on the Canadian DSL (Domestic Substances List)

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

Anthracene, 9,10-bis(phenylethynyl)- (10075-85-1)

Listed on the Canadian NDSL (Non-Domestic Substances List)

EU-Regulations

Dimethyl phthalate (131-11-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Butyl benzoate (136-60-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Bis[2,3,5-trichloro-6-[(pentylloxy)carbonyl]phenyl] oxalate (75203-51-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

Technical Report No.: 64.165.18.00501.02

TÜV SÜD Group

5F, Communication Building, 163 Pingyun Rd, Huangpu West Ave.

Guangzhou 510656, P.R. China

Tel.: +86 20 3832 0668, Fax: +86 20 3832 0478

Engineer: Kevin Zhang

2018-03-06

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Hydrogen peroxide (7722-84-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Water (7732-18-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Anthracene, 9,10-bis(phenylethynyl)- (10075-85-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Dimethyl phthalate (131-11-3)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on Turkish inventory of chemical
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Butyl benzoate (136-60-7)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
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Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on Turkish inventory of chemical
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate (75203-51-9)

Listed on the Korean ECL (Existing Chemicals List)

Hydrogen peroxide (7722-84-1)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Poisonous and Deleterious Substances Control Law
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on Turkish inventory of chemical
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Water (7732-18-5)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Anthracene, 9,10-bis(phenylethynyl)- (10075-85-1)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Korean ECL (Existing Chemicals List)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

No additional information available

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

TÜV SÜD Group

5F, Communication Building, 163 Pingyun Rd, Huangpu West Ave.

Guangzhou 510656, P.R. China

Tel.: +86 20 3832 0668, Fax: +86 20 3832 0478

Technical Report No.: 64.165.18.00501.02

Engineer: Kevin Zhang

2018-03-06

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GLOW STICK

Safety Data Sheet

According to OSHA Hazard Communication Standard 29 CFR 1910.1200



SECTION 16: Other information

Issue date : 02-Feb-2018

Revision date : 02-Feb-2018

Full text of H-phrases

None

Key or legend to abbreviations and acronyms used in the safety data sheet

ADR : European Agreement Concerning the International Carriage of Dangerous Goods by Road

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

ADN : European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterway

RID : Regulations Concerning the International Carriage of Dangerous Goods by Rail

PBT : Persistent, Bioaccumulative and Toxic

vPvB : Very Persistent and Very Bioaccumulative

DNEL : Derived No Effect Level

PNEC : Predicted No Effect Concentration

LC50 : Lethal Concentration 50

LD50 : Lethal Dose 50

EC50 : Effective Concentration 50

TWA : Time Weighted Average

STEL : Short Term Exposure Limit

Key literature references and sources for data

ECHA: <http://echa.europa.eu/>

IFA GESTIS: [http://gestis-en.itrust.de/nxt/gateway.dll?f=templates\\$fn=default.htm\\$vid=gestiseng:sdbeng](http://gestis-en.itrust.de/nxt/gateway.dll?f=templates$fn=default.htm$vid=gestiseng:sdbeng)

HSDB: <http://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

ICSC: <http://www.ilo.org/dyn/icsc/showcard.home>

eChemPortal: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en

NITE-CHRIP: http://www.nite.go.jp/en/chem/chrip/chrip_search/srhInput

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

GLOW STICK

Safety Data Sheet

According to OSHA Hazard Communication Standard 29 CFR 1910.1200



TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
TÜV SÜD Group



Kevin Zhang

Engineer: _____

Kevin Zhang

Ben Shao

Technical Report checked: _____

Ben Shao



MATERIAL SAFETY DATA SHEET

Transmacro Amenities
 9595 Six Pines Dr.
 Suite 8210
 The Woodlands, TX 77380
 Phone (281)444-7240

Product name: White Marble0.25oz Conditioning Shampoo
 Product code : 10000211
 SDS number : 14526702

Review date: 09/12/2014
 Version: 1

SECTION 1. Product And Company Identification:

Product Name: White Marble0.25oz Conditioning Shampoo
 Manufacture Identification number: PF5267
 Manufacture Company name: ZHUHAI Jenny's Choice Manufacturing Limited.
 Manufacture Address: 3 Chuang Ye Middle Road, Liangang Industrial Zone, Jinwan District, Zhuhai City, Guangdong Province, P.R. China
 Telephone number for product safety : 86-756-7738860
 Fax : 86-756-7738896
 Name of preparer : Cam Lu / Charter Chemist

SECTION 2. Hazard Identification

No significant environmental effects.
 Not a fire hazard.
 Product is stable.

POTENTIAL HEALTH EFFECTS

NOTE: The acute health effects described below are those which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and/or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

EYE CONTACT: May cause moderate to severe irritation, with possibility of corneal injury.

SKIN CONTACT: Repeated or prolonged excessive contact may cause irritation or dermatitis.

INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

INHALATION: Unlikely to occur due to the physical properties of the product.

SECTION 3. Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PERCENT (w/w)
Aqua	7732-18-5	71.9355
Sodium Laureth Sulfate	1335-72-4	15.0000
Cocamidopropyl Betaine	61789-40-0	9.0000
Cocamide MEA	68140-00-1	1.8000
Glycol Distearate	627-83-8	1.0000
DMDM Hydantoin	6440-58-0	0.4000

Sodium Chloride	7647-14-5	0.3000
Fragrance	---	0.2000
Methylparaben	99-76-3	0.1000
Propylparaben	94-13-3	0.1000
Tetrasodium EDTA	64-02-8	0.1000
Glycol Stearate	111-60-4	0.0500
Citric Acid	77-92-9	0.0080
CI 19140	1934-21-0	0.004000
CI 17200	2567-66-6	0.002000
CI 15985	2783-94-0	0.000500

SECTION 4. First Aid Measures

Inhalation : N/A

Skin contact : Rinse immediately with plenty of water until no evidence of product remains. Get medical attention if irritation persists.

Eye contact : Rinse immediately with plenty of water until no evidence of product remains and seek medical advise.

Ingestion : Rinse mouth and drink plenty of water.

Miscellaneous : Consult a physician.

SECTION 5. Fire - Fighting Measures

Extinguishing media: Water mist, Carbon Dioxide, foam, dry powder.

Hazardous Decomposition Products: Thermal decomposition may release toxic and/or hazardous gases, including carbon monoxide, carbon dioxide, oxides of sulfur and sodium, and ammonia.

SECTION 6. Accidental Release Measures

Personal precautions : Don't ingest. Avoid contact with eyes and clothing.

Environmental precautions : Prevent contamination of soil, drains and surface water

Measures in case of spillage : Take up mechanically and collect into suitable container for disposal. Prevent the product entering drains.

SECTION 7. Handling And Storage

Handling : Avoid exposure to skin and eye. Good standards of safe working practice and industrial hygiene should be observed.

Storage : Original packaging units tightly closed and stored at room temperature (below 30°C).

Packing materials: Polyethylene or PET bottles.

SECTION 8. Exposure Controls / Personal Protection

Exposure limit(s) : N/A.

Workplace hygiene : Keep away from food and drink.

Protective measures:

Respiratory protection : Dust respirator is recommended when exposure limits may be exceeded.

Eye protection : Safety glasses.

Skin and body protection: Leather or rubber gloves and clothing.

SECTION 9. Physical And Chemical Properties

Visual : Pearlized Orange Red Liquid

Odor :Pleasant Fragrance

Color : Orange Red

pH (@ 25°C) : 4.00-8.00

Viscosity (@ 25°C) : 2000-8000 mPa.s

S.G. (@ 25°C) : N/A

SECTION 10. Stability And Reactivity

Dangerous reactions : Non.

Dangerous products of decomposition: Non.

SECTION 11. Toxicological Information

Acute oral toxicity : N/A.

Acute dermal toxicity : N/A.

Acute inhalation toxicity : N/A.

Skin irritation acute : N/A.

Eye irritation acute : N/A.

SECTION 12. Ecological Information

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions.

SECTION 13. Disposal Considerations

Disposal : Disposal in accordance with local regulations for chemical waste.

EWC code : N/A.

SECTION 14. Transport Information

Non hazardous substance for transportation.

SECTION 15. Regulatory Information

Declaration: Classification not required.

SECTION 16. Other Information

DISCLAIMER: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Transmacro Amenities makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, Transmacro Amenities will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or

warranties, either expressed or implied of merchantability, fitness for a particular purpose or of any other nature is made hereunder with respect to the information set forth herein or to the product to which the information refers.

***** End *****



SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT: DawnMist Antibacterial Bar Soap
Product Label Name: DawnMist Antibacterial Bar Soap
Company Name and Address: Dukal Corporation
2 Fleetwood Court
Ronkonkoma, NY 11779
Emergency Telephone Number: 631-656-3800

Recommended use: cleansing product designed to kill germs on the hands or body.

SECTION 2: HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW:

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

POTENTIAL HEALTH EFFECTS:

- Eye:Contact may cause mild, transient irritation. Some redness and/or stinging may occur.
- Skin:Not expected to be irritating, sensitizing, photo allergenic or phototoxic when used as intended. If irritation occurs following intended use or prolonged contact it is expected to be mild and transient.
- Inhalation:Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated
- Ingestion:Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea.

SECTION 3: INFORMATION ON INGREDIENTS

The complete ingredient list for the finished product(s) is as follows:

Ingredient:	Cas #	w/w%
Tri closan	3380-34-5	.2%
Palm Kernel Fatty Acid	67701-05-7	2.65%
Glycerine	56-81-5	1.0%
Water	7732-18-5	13.5%
Chloride	16887-00-6	0.7%
Alkali		0.05%
Fatty Matter		81.5%
Perfume oil		.2%
Titanium Dioxide	13463-67-6	.2%

The product(s) does not contain ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under the HPA.



PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

SECTION 4: FIRST-AID MEASURES

Route(s) of Entry: Inhalation (X) Eyes (X) Skin () Ingestion ()

Health Hazard (Acute and Chronic): N/A

Carcinogenetic: N/A

Signs and Symptoms of Exposure: Eye: may cause irritation; Inhalation: May cause irritation.

Medical Conditions Generally: N/A

Aggravated by Exposure

Emergency and First Aid Procedures:

Skin: Remove contaminated clothing. Wash skin with water. If symptoms develop, obtain medical attention.

Eye: Irrigate with eyewash solution or water for at least 10 minutes. Obtain medical attention.

Ingestion: Wash out mouth with water. Obtain medical attention if illness effects occur.

Inhalation: Remove patient from exposure. Obtain medical attention if illness occurs.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: None Flammable Limits: LEL UEL

(Method Used)

Extinguishing Media: Water spray, carbon dioxide, foam, dry chemical

Special Fire Fighting Procedures: Wear self-contained breathing apparatus, full protective clothing.

Unusual Fire and Explosion Hazards: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Dispose spilled material in trash. Materials are released or spilled.

Water Disposal Method: Dispose in accordance with all federal, state and local regulations.

SECTION 7: HANDLING AND STORAGE

Avoid contact with eyes. Store in a cool, dry location away from heat sources.

Keep out of reach of children

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection (Specify Type): None required.

Ventilation: None required.

Protective Gloves: None required.

Eye Protection: None required.

Other Protection Clothing or Equipment: None required.

Work / Hygienic Practices: Wash hand after using this product

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: White soap bar with no odor.

Flammable: N/A

Viscosity at 25OC: N/A

PH: N/A

SECTION 10: STABILITY AND REACTIVITY

Stability: Unstable () Stable (X)

Condition to Avoid: N/A

Incompatibility to Avoid: N/A

Hazardous Decomposition Byproducts: N/A

Hazardous Polymerization: May Occur ()

May not occur (X)

SECTION 11: TOXICOLOGICAL INFORMATION

Not Applicable

SAFETY DATA SHEET



PASSION. PARTNERSHIP. POSSIBILITIES.

SECTION 12: ECOLOGICAL INFORMATION

No data is currently available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all state, local and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

N/A

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

Prepared By: Kara Mckigney

Issue Date: 5-8-14

Revision Date: 4-23-15

Disclaimer:

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



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10 Glenshaw Street, Orangeburg, NY 10962
Tel: 845.365.8200 • Fax: 845.365.8201
Toll-Free: 888.DYNAREX

Reviewed on 4/22/15

SAFETY DATA SHEET

SECTION 1. Product and Company Identification

Product Name: Mouth Wash

Product Use: Oral Care

Product Code: 4848, 4849

Manufacturer's Name: Dynarex Corporation

Manufacturer's Address: 10 Glenshaw Street
Orangeburg, NY 10962

Emergency or Information Phone No.: 888-DYNAREX or 845-365-8200
At other times, contact the local Poison Control Center

SECTION 2. Hazards Identification

Hazard Not classified as hazardous

Classification Not classified as hazardous according to the globally harmonized system of classification and labeling of chemicals (GHS) including work, Health and safety regulation.

SECTION 3. Composition/information on Ingredients

Ingredient	%	CAS
Water	98.15	7732-18-5
Glycerin	1	56-81-5
PEG-60 Hydrogenated Castor Oil	0.3	61788-85-0
Sodium Saccharin	0.1	128-44-9



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Sodium Bicarbonate	0.1	144-55-8
Sodium Methylparaben	0.2	5026-62-0
Fragrance	0.05	
Sodium Propylparaben	0.1	35285-69-9
FD&C Blue NO.1	<0.01	3844-45-9
FD&C Yellow NO.5	<0.01	1934-21-0

SECTION 4. First-aid measures

INHALATION: If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop seek medical attention.

EYES: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

INGESTION: DO NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.

FIRST AID FACILITIES: Eye wash and normal washroom facilities.

OTHER INFORMATION: For advice in an emergency, contact a Poison Information Center or a doctor at once.

SECTION 5. Fire-fighting measures

Flash Point: NONE

Flammable Limits: ND

Extinguishing Media: Foam. CO2. Dry Chemical. Water Fog.

Special Fire Fighting Procedures: Normal firefighting procedures may be used.

Unusual Fire and Explosion Hazards: No special hazards known. Use water spray to cool nearby containers.



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SECTION 6. Accidental release measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For small spills dilute with water, mop or wipe up and contain. For large spills, contain with dike and absorbent material. Keep material out of sewers, storm drains, surface waters, and soil.

SECTION 7. Handling and storage

Keep out of reach of children. Store in a dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use. Store at temperatures above the solutions freezing point to remain liquid. Do not use pressure to empty container.

SECTION 8. Exposure controls/personal protection

Respiratory Protection: No special requirements under normal use conditions.

Protective Gloves: No special requirements for normal use conditions.

Eye Protection: No special requirements for normal use conditions. However, it is a good safe practice to wear eye protection when using any chemical product.

Other Protective Measures: Use good personal hygiene practices.

SECTION 9. Physical and chemical properties

Appearance/Odor: Liquid

Boiling Point: NA

Evap. Rate: NA

pH: 8~9

Vapor Density: ND

Vapor Pressure: NA

Specific Gravity: 1.00

Solubility in Water: Complete



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SECTION 10. Stability and reactivity

Stability: Stable

Conditions to Avoid: Extremes of temperature and direct sunlight

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition and combustion produce noxious fumes containing oxides of carbon and oxides of nitrogen

Hazardous Polymerization: Will not occur.

SECTION 11. Toxicological information

Acute toxicity: Non-toxic. Based upon the toxicology data for each ingredient this product is non-toxic.

SECTION 12. Ecological information

Acute toxicity: Non-toxic. Based upon the toxicology data for each ingredient this product is non-toxic.

SECTION 13. Disposal considerations

Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Dispose of contaminated product and materials used in clean up in a manner approved for this material and the contaminant. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them. Empty containers usually still hold residues of material and vapors. These must be considered hazardous and disposed of in accordance with proper handling procedures prescribed for hazardous chemicals. When mixing with water, always add this product to water and stir.

SECTION 14. Transport information

DOT Class: Not Regulated



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SECTION 15. Regulatory information

SARA Title III Section 313 and 40 CFR Part 372 Notification: See section 2.

No ingredients in this product are currently listed as carcinogens, mutagens and teratogens by NTP, IARC or OSHA. All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory

SECTION 16. Other information

Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.



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10 Glenshaw Street, Orangeburg, NY 10962
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Reorder #'s 4872-4873

Reviewed on 4/23/15

SAFETY DATA SHEET

SECTION 1: Chemical Product and Company Identification

Manufacturer: DYNAREX CORPORATION.

10 Glenshaw Street
Orangeburg, NY 10962

Product: TOOTHPASTE.

Telephone: 888-DYNAREX or 845-365-8200.

Emergency: Telephone Numbers: Local Emergency Center

SECTION 2: Hazards Identification

Fire and Explosion: Expected to be non-combustible.

Health: Handling this product in its final form presents minimal risk from occupational exposure. Health effects information is based on hazards of components. May cause transient eye irritation.

Environment: No information is available about the potential of this product to produce adverse environmental effects.



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SECTION 3: Composition / Information on Ingredients

Active Ingredients	%	CAS NUMBER
Sodium Fluoride	.22	7681-49-4
Ingredients	%	CAS NUMBER
Calcium Carbonate	35	1317-65-3
Sorbitol	29	50-70-4
Water	25.99	
Silica	5	61790-53-2
Sodium Lauryl Sulfate	1.8	151-21-3
Carboxy Methyl Cellulose	0.8	9004-32-4
Flavor	0.8	
Potassium Nitrate	0.75	7757-79-1
Sodium Benzoate	0.34	532-32-1
Sodium Saccharin	0.3	81-07-2

SECTION 4: First Aid Measures

Ingestion: Never attempt to induce vomiting. Do not attempt to give any solid or liquid by mouth if the exposed subject is unconscious or semi-conscious. Wash out the mouth with water. If the exposed subject is fully conscious, give plenty of water to drink. Obtain medical attention.

Inhalation: Physical form suggests that risk of inhalation exposure is negligible.

Skin Contact: Using appropriate personal protective equipment, remove contaminated clothing and flush exposed area with large amounts of water. Obtain medical attention if skin reaction occurs, which may be immediate or delayed.

Eye Contact: Wash immediately with clean and gently flowing water. Continue for at least 15 minutes. Obtain medical attention.



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NOTES TO HEALTH PROFESSIONALS

* **Medical Treatment:** None.

* **Medical Conditions Caused or Aggravated by Exposure:** None for occupational exposure.

Antidotes: No specific antidotes are recommended.

SECTION 5: Fire Fighting Measures

Fire and Explosion Hazards: Not expected for the product, although the packaging is combustible.

Extinguishing Media: Water is recommended for fires involving packaging.

Special Firefighting Procedures:

- **For single units (packages):** No special requirements needed.
- **For larger amounts (multiple packages/pallets) of product:** Since toxic,

corrosive or flammable vapors might be evolved from fires involving this product and associated packaging, self-contained breathing apparatus and full protective equipment are recommended for firefighters. If possible, contain and collect firefighting water for later disposal.

Hazardous Combustion Products: Toxic, corrosive or flammable thermal decomposition products are expected when the product is exposed to fire.

SECTION 6: Accidental Release Measures

Personal Precautions: Wear protective clothing and equipment consistent with the degree of hazard.

Environmental Precautions: For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems.

Clean-up Methods: Collect and place it in a suitable, properly labelled container for recovery or disposal.

Decontamination Procedures: No specific decontamination or detoxification procedures have been identified for this product.



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SECTION 7: Handling and Storage

General Requirements: No special control measures required for the normal handling of this product. Normal room ventilation is expected to be adequate for routine handling of this product.

STORAGE: No storage requirements are considered necessary for the control of fire and explosion hazards.

SECTION 8: Exposure Controls / Personal Protection

Other Equipment or Procedures: None required for normal handling. Wash hands and arms thoroughly after handling.

SECTION 9: Physical and Chemical Properties

- **Appearance:** Solid
- **Color:** White
- **Physical Form:** Paste
- **Odour:** Minty

SECTION 10: Stability and Reactivity

Stability: This product is expected to be stable.

Conditions to Avoid: None for normal handling of this product.

SECTION 11: Toxicological Information

Oral Toxicity: Not expected to be toxic following ingestion.

Skin Effects: Irritation might occur following direct contact.

Eye Effects: Irritation might occur following direct contact with eyes.

Sensitization: Sensitization (allergic skin reaction) is not expected.

Genetic Toxicity: Not expected to be genotoxic under occupational exposure conditions.

Carcinogenicity: No components are listed as carcinogens by GSK, IARC, NTP or US OSHA.



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Reproductive Effects: Not expected to produce adverse effects on fertility or development under occupational exposure conditions.

Other Adverse Effects: None known for occupational exposure.

SECTION 12: Ecological Information

Summary: No information is available about the potential of this product to produce adverse environmental effects. Local regulations and procedures should be consulted prior to environmental release.

SECTION 13: Disposal Considerations

Disposal Recommendations: Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Regulatory Requirements: Observe all local and national regulations when disposing of this product.

SECTION 14: Transport Information

The SDS should accompany all shipments for reference in the event of spillage or accidental release. Only authorized persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

UN Classification and Labeling:

Transport Information Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labeling for air, maritime, US or European ground transport purposes.

SECTION 15: Regulatory information

Non Hazardous Materials Contained In This Product



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SECTION 16: Other information

Disclaimer:

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Corporate Headquarters
 10 Glenshaw Street, Orangeburg, NY 10962
 Tel: 845.365.8200 • Fax: 845.365.8201
 Toll-Free: 888.DYNAREX

Reviewed on 4/21/15

SAFETY DATA SHEET

SECTION 1. Product and Company Identification

PRODUCT NAME: Cleansing Towelette
PRODUCT USE: Antiseptic

Product Code: 1301

Manufacturer's Name: Dynarex Corporation

Manufacturer's Address: 10 Glenshaw Street
 Orangeburg, NY 10962

Emergency or Information Phone No.: 888-DYNAREX or 845-365-8200
 At other times, contact the local Poison Control Center

SECTION 2. Hazards Identification

Color/Odor/Appearance: Towelette saturated with a hazy liquid with thymol / camphor odor.

Boiling Point: N/A

Flash Point: 169°F

Vapor Density: N/A

Evaporation Rate: N/A

Solubility in Water: Complete

Specific Gravity (H2O=1): 0.994

SECTION 3. Composition/information on Ingredients

Ingredients	CAS Number	%
SD Alcohol 40	64-17-5	5
BZK	8001-54-5	0.13
Water	7732-18-5	94.87



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SECTION 4. First-aid measures

First aid procedures

Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin Contact

In case of skin irritation, discontinue use of product.

Inhalation

Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion

Not a normal route of exposure. Do not induce vomiting, Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

Notes to physician

Symptoms may be delayed.

General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.

Flammable Limits:

N/A

Flash Point:

N/A

SECTION 5. Fire-fighting measures

Flash Point (Method Used): 140°F (OC)

Flammable Limits: Moderate

LEL: N/A

UEL: N/A



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Extinguishing Media: Use carbon dioxide or dry chemical for small fires: Alcohol type foam for large fires.

Special Fire Fighting Procedures: Handle as flammable liquid.

Unusual Fire and Explosion Hazards: N/A

SECTION 6. Accidental release measures

- Personal precautions:** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
- Methods for containment:** Prevent entry into waterways, sewers, basements or confined areas.
- Methods for cleaning up:** Pick up and discard towel.

SECTION 7. Handling and storage

- Handling:** Use good industrial hygiene practices in handling this material.
- Storage:** Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION 8. Exposure controls/personal protection

- Engineering controls:** General ventilation normally adequate.
- Personal protective equipment**
- Eye/Face protection** Protective eyewear.
- Hand protection** Not required.
- Skin and body protection** As required by employer code.
- Respiratory protection** If permissible exposure level is exceeded, use NIOSH



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approved respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

SECTION 9. Physical and chemical properties

Appearance/Odor: Liquid saturated on wipe
Color: Clear liquid
Form: Liquid saturated on wipe
Odor: Characteristic
Odor Threshold: Not available
Physical State: Solid
Boiling Point: <200°F
Paper Components: 100% Virgin Paper
Specific Gravity: 1

SECTION 10. Stability and reactivity

Chemical Stability: Stable under recommended storage conditions.
Incompatibility: Caustics. Acids. Oxidizers.
Hazardous Decomposition Products: May include and are not limited to: oxides of carbon; hydrogen chloride.
Hazardous Polymerization: Will not occur.
Conditions to avoid: Do not mix with other chemicals.

SECTION 11. Toxicological information

Effects of acute exposure

Eye	May cause irritation
Skin	In case of skin irritation, discontinue use of the product.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.



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Ingestion

Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

Sensitization
Chronic Effects
Carcinogenicity
Mutagenicity
Reproductive Effects
Teratogenicity

Non-hazardous by WHMIS/OSHA criteria.
Non-hazardous by WHMIS/OSHA criteria.
Non-hazardous by WHMIS/OSHA criteria.
Non-hazardous by WHMIS/OSHA criteria.
Non-hazardous by WHMIS/OSHA criteria.
Non-hazardous by WHMIS/OSHA criteria.

SECTION 12. Ecological information

Ecotoxicity Not available

Environmental effects Not available

Aquatic toxicity Not available

Persistence / degradability Not available

Bioaccumulation / accumulation Not available

Partition coefficient Not available

Mobility in environmental media Not available

Chemical fate information Not available

Other adverse effects Not available

SECTION 13. Disposal considerations

Waste codes: Not available

Disposal instructions: Discard after single use.

Review federal, state/provincial, and local government requirements prior to disposal.

Discard with solid waste. Dispose in accordance with all applicable regulations.



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Waste from residues / unused products: Not available

Contaminated packaging: Not available

SECTION 14. Transport information

U.S. Department of Transportation (DOT) Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada) Not regulated as dangerous goods.

SECTION 15. Regulatory information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US Federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous No chemical

CERCLA (Superfund) reportable quantity

Benzene: 10.0000

Benzene, methyl-: 1000.0000

Benzene, (chloromethyl)-: 100.0000

Propylene oxide: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Section 302 extremely hazardous substance No



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Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

Food and Drug Administration (FDA) Not available

State regulations WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16. Other information

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SAFETY DATA SHEET**SECTION 1 – IDENTIFICATION**

WISCONSIN PHARMACAL COMPANY
1 Pharmecal Way
P.O. Box 198
Jackson, WI 53037

EMERGENCY NUMBER: 1-800-255-3924
 (24 HOURS)

INFORMATION NUMBER: 1-800-558-6614
 (BUSINESS HOURS)

PRODUCT NAME: Potable Aqua

EPA REG. NO.: 79533-1

PRODUCT CODE: 301, 303, 304, 305

HMIS:

DATE PREPARED: 2/27/09

UPDATED: 2/5/15

Health 2

Flammability 0

Reaction 0

Personal None

RECOMMENDED USE: Water Purification Treatment Tablets

PREPARED BY: J. Duhacek

SECTION 2 – HAZARDS IDENTIFICATION

GHS HAZARD CLASSIFICATION: Eye Irritation: Category 2B
 Acute Toxicity Oral: Category 4

SIGNAL WORD: Warning

PICTOGRAMS:



HAZARD STATEMENTS: Causes eye irritation.
 Harmful if swallowed.

PRECAUTIONARY STATEMENTS: Wash exposed areas thoroughly after handling.
 Do not eat, drink, or smoke when using this product.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical attention.
 If swallowed: Call a doctor if you feel unwell.
 Rinse mouth.
 Dispose of contents and container in accordance to local, state, and federal regulations.

UNCLASSIFIED HAZARDS: May cause insomnia, inflammation of the nasal mucous, bronchitis, heart tremors or rapid heartbeat, diarrhea and weight loss.

PERCENTAGE OF INGREDIENTS WITH UNKNOWN TOXICITY: None.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Material	CAS#	%	PEL TWA	TLV TWA
Tetraglycine-hydroperiodide	7097-60-1	10 – 20%	N/E	N/E

* N/E = NOT ESTABLISHED

The specific chemical identities and percentages of composition have been withheld as trade secrets.

SECTION 4 – FIRST-AID MEASURES

INHALATION: Remove to fresh air. Seek medical help if difficulty in breathing or any discomfort.

SKIN CONTACT: Wash with soap and water. If irritation continues seek medical help.

EYE CONTACT: If case of contact with eyes, flush thoroughly with water. Call a physician if irritation persists.

INGESTION: If a tablet is swallowed, drink freely a thin paste of starch or flour (2 tablespoons in water), drink a sodium thiosulfate solution (approx. ½ teaspoon in water) or chew 7 mg of ascorbic acid (vitamin C) and drink water. Call a physician.

MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED: Causes eye irritation. Harmful if swallowed.

IMMEDIATE MEDICAL ATTENTION NEEDED: None needed.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Not determined.

SPECIFIC HAZARDS: None known.

PROTECTIVE EQUIPMENT AND PROCEDURES FOR FIRE-FIGHTERS: None known.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: None known.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Neutralize with 10% solution of sodium thiosulfate as dispose of in accordance with local, state, and federal regulations.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: None known.

CONDITIONS FOR SAFE STORAGE: Keep bottle tightly closed. Store in dry area, away from extreme heat. Most effective when store under controlled room temperatures between 60 and 86°F in original container.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA PEL, ACGIH TLV, AND OTHER EXPOSURE LIMITS: None established.

APPROPRIATE ENGINEERING CONTROLS: None required with normal use.

INDIVIDUAL PROTECTION MEASURES (PPE): None known.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: A bi-convex, compressed, grey with minimal tan specks tablet.

ODOR: Not determined.

ODOR THRESHOLD: Not determined.

pH: Not determined.

MELTING POINT: Not determined.

BOILING POINT/RANGE: 240.9°C at 760 mm Hg.

FLASH POINT: 99.5°C (literature).

EVAPORATION RATE: Not determined.

FLAMMABILITY: Not determined.

FLAMMABILITY/EXPLOSIVE LIMITS: Not determined.

VAPOR PRESSURE: Not determined.

VAPOR DENSITY: Not determined.

RELATIVE DENSITY: Not determined.

SOLUBILITY: Complete.

PARTITION COEFFICIENT: Not determined.

AUTO-IGNITION TEMPERATURE: Not determined.

DECOMPOSITION TEMPERATURE: Not determined.

VISCOSITY: Not determined.

SECTION 10 – STABILITY AND REACTIVITY:

REACTIVITY: Not reactive.

CHEMICAL STABILITY: Stable in dry, cool conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

CONDITIONS TO AVOID: High humidity and elevated temperatures.

INCOMPATIBLE MATERIALS: Strong oxidizers, acids and bases, acetylene, or concentrated ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE: No data available.

SYMPTOMS RELATED TO THE PHYSICAL / CHEMICAL CHARACTERISTICS: No data available.

IMMEDIATE AND DELAYED EFFECTS: Causes eye irritation. Harmful if swallowed

NUMEROUS MEASURES OF TOXICITY: No data available.

CARCINOGENICITY: None of the ingredients are listed as a carcinogen by NTP, IARC, or OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Transport in accordance with local, state, and federal regulations.

SECTION 15 – REGULATORY INFORMATION

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
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None

SECTION 16 – OTHER INFORMATION

DATE PREPARED: February 5, 2015.

NOTE: This data represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data. The aforementioned effects are based on the evaluation of individual components and the relevancy to the product as a whole is unknown.

InstaFire

Safety Data Sheet

InstaFire

Safety Data Sheet

according to Regulation (EC) No. 453/2010
Prepared Nov. 13, 2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Manufactured by: InstaFire

Product Name (Also Known As) FireStater
Charcoal Starter
Military Grade

This includes but it not limited to:

1. Fire Starter
2. Charcoal Starter
3. Emergency Fuel

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Fire Starter,
Charcoal Starter
Emergency Fuel

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

InstaFire Inc.
Bldg D-5 Freeport West
BX 160392 Freeport Center
Clearfield, UT. 84016

1.4. Emergency telephone number

Emergency number : Call your Local Poison
Control

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Perlite	(CAS No) 93763-70-3 (EC no) 618-970-4	70-75	Not classified
Alkanes, C14-16	(CAS No) 90622-46-1 (EC no) 292-448-0	8-10	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Perlite	(CAS No) 93763-70-3 (EC no) 618-970-4	70-75	Not classified

InstaFire

Safety Data Sheet

Alkanes, C14-16	(CAS No) 90622-46-1 (EC no) 292-448-0	8-10	Not classified
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Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Gently wash with plenty of soap and water.

First-aid measures after eye contact : Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.
First-aid measures after ingestion : Do NOT induce vomiting. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : None under normal use.
Symptoms/injuries after skin contact : Causes skin irritation.
Symptoms/injuries after eye contact : May cause slight irritation.
Symptoms/injuries after ingestion : May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide, dry chemical powder, foam, water spray, fog.
Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.
Explosion hazard : None known.

5.3. Advice for firefighters

Firefighting instructions : Eliminate all ignition sources if safe to do so. Keep exposed containers away from open flame and heat above 204.4°C (400°F)
Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Shovel or sweep up and put in a closed container for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage conditions required.

7.3. Specific end use(s)

Fire starter

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Perlite (93763-70-3)		
Austria	MAK (mg/m ³)	5 mg/m ³
Austria	MAK Short time value (mg/m ³)	10 mg/m ³

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Belgium	Limit value (mg/m ³)	10 mg/m ³
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	4 mg/m ³
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m ³)	8 mg/m ³
USA - NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³

8.2. Exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: White Wood
Odour	: Slight pine scent
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Vapour density	: >5 (Air=1)
Relative density	: 0.9200 @ 25°F
Solubility	: Insoluble.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

Not determined.

10.6. Hazardous decomposition products

Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Alkanes, C14-16 (90622-46-1)	
LD50 oral rat	> 5250 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.8 mg/l/4h

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Safety Data Sheet

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified

InstaFire

Safety Data Sheet

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

Transport hazard class(es) (ADR) : Not applicable

ADR

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

InstaFire

Safety Data Sheet

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

14.6.2. Transport by sea

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subjected to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product