



70352 - Auto Emergency Response Kit

September 13th, 2023

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

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SAFETY DATA SHEET

Regular Dry Chemical (Fire Extinguishing Agent - Pressurized and Non-pressurized)

1. IDENTIFICATION

Product Name	Regular Dry Chemical (Fire Extinguishing Agent – Pressurized and Non-pressurized)
Other Names	BC, SDC, Sodium Bicarbonate
Recommended use of the chemical and restrictions on use	
Identified uses	Fire Extinguishing Agent
Restrictions on use	Consult applicable fire protection codes
Company Identification	Kidde Residential & Commercial 1016 Corporate Park Drive Mebane, NC 27302 USA
Customer Information Number	(919) 563-5911 (919) 304-8200
Emergency Telephone Number	
CHEMTREC Number	(800) 424-9300 (703) 527-3887 (International)
Issue Date	December 10, 2019
Supersedes Date	July 9, 2019

Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200, the Canadian Hazardous Products Regulations (HPR) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2. HAZARD IDENTIFICATION

This SDS covers the product listed above as sold in pressurized and non-pressurized containers. GHS classifications for both forms are listed below.

GHS Classification – Pressurized

Hazard Classification

Gas under pressure – Compressed gas

Label Elements

Hazard Symbols



Signal Word: Warning

Hazard Statements

Contents under pressure; may explode if heated.

Precautionary Statements

Prevention

None

Response

None



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Regular Dry Chemical
(Fire Extinguishing Agent - Pressurized
and Non-pressurized)

16. OTHER INFORMATION

NFPA Ratings

NFPA Code for Health - 1
NFPA Code for Flammability - 0
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards - None

Legend

ACGIH: American Conference of Governmental Industrial Hygienists
CAS#: Chemical Abstracts Service Number
EC50: Effect Concentration 50%
IARC: International Agency for Research on Cancer
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
N/A: Denotes no applicable information found or available
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
TLV: Threshold Limit Value
TSCA: Toxic Substance Control Act

Revision Date: December 10, 2019
Replaces: July 9, 2019
Changes made: Update to Sections 3 and 9.

Information Source and References

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

The information and recommendations presented in this SDS are based on sources believed to be accurate. Kidde Residential & Commercial assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make **NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED**, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.



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and Non-pressurized)

2. HAZARD IDENTIFICATION

Storage

Protect from sunlight.
Store in well-ventilated place.

Disposal

None

GHS Classification: Non - pressurized

Hazard Classification

This product is classified as not hazardous in accordance with the Globally Harmonized System of Classification and Labelling (GHS).

Label Elements

Hazard Symbols
None

Signal Word: None

Hazard Statements

None

Precautionary Statements

Prevention

None

Response

None

Storage

None

Disposal

None

Other Hazards

Calcium carbonate and mica contain quartz (crystalline silica) as an impurity. Prolonged exposure to respirable crystalline silica dust at concentrations exceeding the occupational exposure limits may increase the risk of developing a disabling lung disease known as silicosis. IARC found limited evidence for pulmonary carcinogenicity of crystalline silica in humans (see Section 11).

Specific Concentration Limits

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity	< 10%
Acute dermal toxicity	< 10%
Acute inhalation toxicity	< 10%
Acute aquatic toxicity	< 10%

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.



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and Non-pressurized)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration*
Calcium Carbonate	471-34-1	1 - 5%
Mica	12001-26-2	1 - 5%
Clay	1332-58-7	0.1 - 1%
Non-hazardous ingredients		
Sodium Bicarbonate	144-55-8	80 - 100%

Note: Pressurized product uses nitrogen, carbon dioxide or compressed air as the expellant.

*Exact concentration withheld as trade secret.

4. FIRST- AID MEASURES

Description of necessary first-aid measures

Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Wash skin thoroughly with soap and water. Obtain medical attention if irritation persists.

Ingestion

Dilute by drinking large quantities of water and obtain medical attention.

Inhalation

Move victim to fresh air. Obtain medical attention immediately for any breathing difficulty.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed

Notes to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Suitable Extinguishing Media

This preparation is used as an extinguishing agent and therefore is not a problem when trying to control a blaze. Use extinguishing agent appropriate to other materials involved. Keep pressurized extinguishers and surroundings cool with water spray as they may rupture or burst in the heat of a fire

Specific hazards arising from the chemical

Pressurized containers may explode in heat of fire.

Special Protective Actions for Fire-Fighters

Wear full protective clothing and self-contained breathing apparatus as appropriate for specific fire conditions.



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing. Prevent skin and eye contact. Remove leaking cylinder to a safe place. Ventilate the area.

Environmental Precautions

Prevent large quantities of the material from entering drains or watercourses.

Methods and materials for containment and cleaning up

Sweep up or vacuum and transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate protective clothing. Prevent skin and eye contact.

Conditions for safe storage

Pressurized extinguishers should be properly stored and secured to prevent falling or being knocked over. Do not drag, slide or roll extinguishers. Do not drop extinguishers or permit them to strike against each other. Never apply flame or localized heat directly to any part of the extinguisher or plastic container. Store pressurized extinguishers and plastic containers away from high heat sources. Storage area should be: - cool - dry - well ventilated - under cover - out of direct sunlight

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Mica

ACGIH TLV: 3 mg/m³ TWA, measured as respirable fraction of the aerosol.

OSHA PEL: 20 mppcf, <1% crystalline silica

Calcium Carbonate

OSHA PEL: 15 mg/m³ TWA, total dust

5 mg/m³ TWA, respirable fraction

Kaolin

ACGIH TLV: 2 mg/m³ TWA, for particulate matter containing no asbestos and <1% Crystalline silica

OSHA PEL: 15 mg/m³ TWA, total dust

5 mg/m³ TWA, respirable fraction

Particulates not otherwise classified /regulated

OSHA PEL: 50 mppcf or 15 mg/m³ TWA, total dust

15 mppcf or 5 mg/m³ TWA, respirable fraction

Appropriate engineering controls

Use with adequate ventilation. If this product is used in a pressurized system, there should be local procedures for the selection, training, inspection and maintenance of this equipment. When used in large volumes, use local exhaust ventilation.



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Regular Dry Chemical (Fire Extinguishing Agent - Pressurized and Non-pressurized)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Individual protection measures

Respiratory Protection

Not normally required. Use dust mask where dustiness is prevalent, or TLV is exceeded. In oxygen deficient atmospheres, use a self-contained breathing apparatus, as an air purifying respirator will not provide protection.

Skin Protection

Gloves

Eye/Face Protection

Chemical goggles or safety glasses with side shields.

Body Protection

Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Non- Pressurized

Appearance

	Physical State	Solid (powder)
	Color	White
Odor		Odorless
Odor Threshold		No data available
pH		Not applicable
Specific Gravity		Ca. 2.2
Boiling Range/Point (°C/F)		Not applicable
Melting Point (°C/F)		No data available
Flash Point (PMCC) (°C/F)		Not flammable
Vapor Pressure		No data available
Evaporation Rate (BuAc=1)		No data available
Solubility in Water		16.4g/100g
Vapor Density (Air = 1)		Not applicable
VOC (g/l)		None
VOC (%)		None
Partition coefficient (n-octanol/water)		No data available
Viscosity		No data available
Auto-ignition Temperature		No data available
Decomposition Temperature		No data available
Upper explosive limit		No data available
Lower explosive limit		No data available
Flammability (solid, gas)		No data available

Expellant

Appearance

	Physical State	Compressed gas
	Color	Colorless
Odor		None
Odor Threshold		No data available
pH		Not applicable
Specific Gravity		0.075 lb/ft ³ @ 70°F as vapor (Nitrogen) 0.1144 lb/ft ³ (Carbon dioxide gas density)
Boiling Range/Point (°C/F)		-196°C/-321 °F(Nitrogen) -78.5 °C /-109.3°F(Carbon Dioxide)



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Regular Dry Chemical (Fire Extinguishing Agent - Pressurized and Non-pressurized)

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point (°C/F)	-210°C/-346°F (Nitrogen)
Flash Point (PMCC) (°C/F)	Not flammable
Vapor Pressure	838 psig @70°F and 1 atmosphere(Carbon Dioxide)
Evaporation Rate (BuAc=1)	Not applicable
Solubility in Water	0.02 g/L (Nitrogen)
Vapor Density (Air = 1)	0.97 (Nitrogen)
VOC (g/l)	Not applicable
VOC (%)	Not applicable
Partition coefficient (n-octanol/water)	No data available
Viscosity	Not applicable
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Upper explosive limit	Not explosive
Lower explosive limit	Not explosive
Flammability (solid, gas)	Not flammable

10. STABILITY AND REACTIVITY

Reactivity

Pressurized containers may rupture or explode if exposed to heat.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Exposure to direct sunlight - contact with incompatible materials

Incompatible Materials

Strong oxidizing agents - strong acids

Hazardous Decomposition Products

Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Mica:

Oral LD50 (Rat) >2000 mg/kg

Kaolin (clay):

Oral LD50 (Rat) >5000 mg/kg

Dermal LD50 (Rabbit) >5000mg/kg

Nitrogen

Simple asphyxiant



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11. TOXICOLOGICAL INFORMATION

Specific Target Organ Toxicity (STOT) – single exposure

Nitrogen: Exposure to nitrogen gas at high concentrations can cause suffocation by reducing oxygen available for breathing. Breathing very high concentrations can cause dizziness, shortness of breath, unconsciousness or asphyxiation.

Specific Target Organ Toxicity (STOT) – repeat exposure

No relevant studies identified.

Serious Eye damage/Irritation

Mica: Not irritating (rabbit)

Skin Corrosion/Irritation

Mica: Not irritating (rabbit)

Respiratory or Skin Sensitization

No relevant studies identified.

Carcinogenicity

Calcium carbonate and mica contain quartz (crystalline silica) as an impurity. Prolonged exposure to respirable crystalline silica dust at concentrations exceeding the occupational exposure limits may increase the risk of developing a disabling lung disease known as silicosis. IARC has classified Silica Dust, Crystalline, in the form of quartz or cristobalite as 1 (carcinogenic to humans).

Germ Cell Mutagenicity

No relevant studies identified.

Reproductive Toxicity

No relevant studies identified.

Aspiration Hazard

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No relevant studies identified.

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulative Potential

No relevant studies identified.

Other adverse effects

No relevant studies identified.



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Regular Dry Chemical (Fire Extinguishing Agent - Pressurized and Non-pressurized)

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of container in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Safety Data Sheet information is intended to address a specific material and not various forms or states of containment.

Special Precautions for Shipping:

Individuals must be certified as Hazardous Material Shipper for all transportation modes. Pressurized Fire Extinguishers are considered a hazardous material by the US Department of Transportation and Transport Canada.

DOT CFR 172.101 Data	Fire extinguishers, 2.2, UN1044
UN Proper Shipping Name	Fire extinguishers
UN Class	(2.2)
UN Number	UN1044
UN Packaging Group	Not applicable
Classification for AIR Transportation (IATA)	Consult current IATA Regulations prior to shipping by air.
Classification for Water Transport IMDG	Consult current IMDG Regulations prior to shipping by water.

When shipping via ground, portable fire extinguishers pressurized to less than 241 psi and of less than 1100 cubic inches in size meet the requirements of "Limited Quantity" as referenced in 49 CFR 173.309 (2010). There is no limited quantity designation for fire extinguishers when shipped by air or water.

This section is believed to be accurate at the time of preparation. It is not intended to be a complete statement or summary of the applicable laws, rules, or hazardous material regulations, and is subject to change. Users have the responsibility to confirm compliance with all laws, rules, and hazardous material regulations in effect at the time of shipping.

15. REGULATORY INFORMATION

United States TSCA Inventory

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Substance Inventory.

Canada DSL Inventory

All ingredients in this product are listed on the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt from listing.

SARA Title III Sect. 311/312 Categorization: Pressurized w/ Nitrogen

Gas under pressure

SARA Title III Sect. 311/312 Categorization: Non-pressurized

None

SARA Title III Sect. 313

This product does not contain any chemicals that are listed in Section 313 at or above de minimis concentrations.

AIROSOL COMPANY, INC.

1206 Illinois

Phone 620-325-2666

Neodesha KS 66757

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: **Mechanics Brand Air Force Tire Inflator**

PRODUCT NUMBER: **51129MB (12 oz cone), 51130MB (12 oz hose), 51132MB (20 oz hose), 51150MB (15 oz hose)**

CAS NUMBER: Mixture See Section 3.

HMIS: Health 1 Reactivity 0 Flammability 2 INFOTRAC: 1-800-535-5053

PRODUCT FAMILY: Tire Sealant

NFPA RATING AS AN AEROSOL: Level One Medical Emergency: 1-800-633-9576 (8AM-5PM central time)

SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

DANGER: EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER MAY BURST IF HEATED.

Major Route(s) of Entry:



Signs and symptoms of Acute Exposure

EYE CONTACT: Mild Irritation

SKIN CONTACT: Mild Irritation

SKIN ABSORPTION: No toxic results are anticipated.

INGESTION: This product contains Ethylene Glycol, which can cause liver and kidney damage, even death.

INHALATION: Mild Irritation

CHRONIC HEALTH EFFECTS SUMMARY:

CONDITIONS AGGRAVATED BY EXPOSURE: Diethylene Glycol, a component of ethylene glycol, has caused liver and kidney damage in long-term studies on laboratory animals. Ethylene Glycol may cause birth defects based on tests with laboratory animals.

TARGET ORGANS: Liver, Kidney

CARCINOGENIC POTENTIAL: None Known

OSHA Health Hazard Classification

Irritant NO Toxic NO
Sensitizer NO Highly toxic NO
Corrosive NO Carcinogenic NO

OSHA Physical Hazard Classification

Combustible NO Explosive NO Pyrophoric NO
Flammable YES Oxidizer NO Water-Reactive NO
Compressed Gas YES Organic Peroxide NO Unstable NO

EFFECTS OF OVEREXPOSURE

EYE CONTACT: May cause mild irritation. Direct contact with the liquid or exposure to vapors or mist may cause stinging, tearing and redness. Propellant may cause freeze burns.

SKIN CONTACT: Liquid may cause mild irritation (defatting, dermatitis). May cause frostbite if exposed to direct spray. Warm skin slowly if frostbitten.

SKIN ABSORPTION: Contact may result in skin absorption, but symptoms of toxicity are not anticipated by this route alone under normal conditions of use.

INGESTION: Not likely as an aerosol but, if swallowed, effects of overexposure may include irritation of the digestive tract, nausea, vomiting, diarrhea, abdominal pain, visual disturbances, nervous system depression, kidney damage, coma and convulsions.

INHALATION: Breathing of vapors or mists produced under certain conditions of use may cause irritation of the nose, throat and respiratory tract headache and drowsiness.

SYSTEMIC AND OTHER EFFECTS: Persons with pre-existing skin disorders may be more susceptible to the effects of this material. Diethylene Glycol, a component of ethylene glycol, has caused liver and kidney damage in long-term studies on laboratory animals. Ethylene Glycol may cause birth defects based on tests with laboratory animals.

PRODUCT NAME: **Mechanics Brand Air Force Tire Inflator**

PRODUCT NUMBER: **51129MB (12 oz cone), 51130MB (12 oz hose), 51132MB (20 oz hose), 51150MB (15 oz hose)**

SECTION 3: COMPOSITION

COMPONENT NAME(S)	CAS NO	CONCENTRATION (%)
Propane	74-98-6	5-10
Butane	106-97-8	5-10
Ethylene Glycol	107-21-1	3-5

SECTION 4: FIRST AID MEASURES

Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid. For more specific information, refer to Exposure Controls and Personal Protection in Section 8 of this MSDS.

IF SWALLOWED: Immediately call a **POISON CENTER/doctor**. Do **NOT** induce vomiting. If spontaneous vomiting is about to occur, place victims head between their knees to prevent aspiration. Call a physician or transport to an emergency facility immediately.

IF IN EYES: Rinse cautiously with water for several minutes. Lift upper and lower eyelids to ensure proper rinsing. Get medical attention if irritation persists.

IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, get medical attention.

IF INHALED: Increase fresh air circulation or leave area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

NFPA Flammability Classification: LEVEL ONE Aerosol

FLASH POINT: Not Determined **FLAMMABLE LIMITS: UEL** 15.3 % **LEL** 1.9 %

EXTINGUISHING MEDIUM: AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills water spray can be used to disperse any flammable vapors that may become concentrated or form in poorly ventilated areas and to protect personnel attempting to stop the leak.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBA's in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Take proper precautions to ensure your own health and safety before attempting spill control or clean-up.

Ventilate area-especially low places where heavy vapors might collect. Extinguish all ignition sources. For small spills/leaks mop, wipe, or soak up on an inorganic material immediately. Remove to vent hood or outside. For large spills/leaks evacuate area, contain spill (dike area), and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

PRODUCT NAME: **Mechanics Brand Air Force Tire Inflator**

PRODUCT NUMBER: **51129MB (12 oz cone), 51130MB (12 oz hose), 51132MB (20 oz hose), 51150MB (15 oz hose)**

SECTION 7: HANDLING AND STORAGE

When product has been dispersed into a tire the user MUST ALERT the repairman that this tire contains a highly flammable gas. This product comes with a peel-off sticker that must be placed on the tire after tire Inflator has been used. Avoid sparks and open flames, use extreme caution when venting gas. DO NOT weld on rim or use a tire reamer until tire is completely removed from the rim.

Store in tightly sealed containers. Keep away from heat, sparks & open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Control airborne concentrations below the exposure limits see below. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

PERSONAL PROTECTIVE EQUIPEMNT: Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations. Minimum requirements are: SAFETY GLASSES and GLOVES.

RESPIRATORY PROTECTION (SPECIFY TYPE): If workplace exposure limit(s) of product or any component is exceeded (see Section two), a NIOSH approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

HAND PROTECTION: For brief contact, no precautions should be needed. When prolonged or frequently repeated contact could occur, use protective gloves such as; polyvinyl alcohol or polyethylene.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; OSHA regulations also permit other type of safety glasses (consult your safety equipment supplier)

BODY PROTECTION: To prevent repeated or prolonged skin contact, use protective clothing impervious to this product. Selection of specific items such as gloves, boots, apron, or full body suit will depend on operation.

OCCUPATIONAL EXPOSURE GUIDELINES:

Substance	Applicable Workplace Exposure Levels	
	OSHA PEL	ACGIH
Propane	1000 ppm	NE
Butane	800 ppm	800 ppm
Ethylene Glycol	50 ppm	100 ppm

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid	COLOR: White	ODOR: Ammonical
SPECIFIC GRAVITY: 0.95-1.05 (Water =1)	pH: 9-12	VAPOR DENSITY (Air =1): Heavier Than
BOILING POINT RANGE: N/D	MELTING POINT /FREEZING POINT: N/D	
VAPOR PRESSURE (mmHg or psig @70°F): 50 psig		VISCOSITY (cps @ 70°F) N/D
SOLUBILITY IN WATER % BY WT.: Soluble		
VOLATILE ORGANIC COMPOUNDS (VOCs) Content: 20%		

PRODUCT NAME: **Mechanics Brand Air Force Tire Inflator**

PRODUCT NUMBER: **51129MB (12 oz cone), 51130MB (12 oz hose), 51132MB (20 oz hose), 51150MB (15 oz hose)**

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable, avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition and direct sunlight.

INCOMPATIBILITY: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological studies have been conducted on this product.

SECTION 12: ECOLOGICAL INFORMATION

No ecological studies have been conducted on this product.

ECOTOXICITY: If spilled this any water or soil contaminated may be hazardous to human, animal and aquatic life.

ENVIRONMENTAL FATE: The chemicals in this product are potentially toxic to freshwater and salt water ecosystems. They will normally float on water with their lighter components evaporating rapidly. In stagnant or slow-flowing waterways, a hydrocarbon layer can cover a large surface area. As a result this layer might limit or eliminate natural atmospheric oxygen transport into the water. Which with time could lead to a fish kill or an anaerobic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use. It is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition.

When disposing of unused contents, the preferred options are to send to licensed reclaimers or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

EPA Hazardous Waste Number (RCRA): D001 (Ignitable)

SECTION 14: TRANSPORT INFORMATION

DOT STATUS: This material is regulated by the U.S. Department of Transportation (DOT).

PROPER SHIPPING NAME: (to ship on the ocean):

UN1950, Aerosols, Flammable (each not exceeding 1L capacity), 2.1, LTD. QTY

HAZARD CLASS: 2.1

PACKING GROUPS: None for aerosols

PLACARDS: None Required

EMERGENCY RESPONSE GUIDE NO: 126

PRODUCT NAME: **Mechanics Brand Air Force Tire Inflator**

PRODUCT NUMBER: **51129MB (12 oz cone), 51130MB (12 oz hose), 51132MB (20 oz hose), 51150MB (15 oz hose)**

SECTION 15: REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

311/312 HAZARD CATEGORIES:

Fire Hazard: YES Pressure Hazard: YES Reactivity Hazard: NO Immediate Hazard: NO Delayed Hazard: NO

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
Ethylene Glycol	107-21-1	3-5

FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #
Ethylene Glycol	107-21-1	3-5	5000

CALIFORNIA PROPOSITION 65 None listed

MASSACHUSETTS RIGHT TO KNOW: Yes

Propane	74-98-6	5-10
Butane	106-97-8	5-10
Ethylene Glycol	107-21-1	3-5

PENNSYLVANIA RIGHT TO KNOW: Yes

Propane	74-98-6	5-10
Butane	106-97-8	5-10
Ethylene Glycol	107-21-1	3-5

NEW JERSEY RIGHT TO KNOW: Yes

Propane	74-98-6	5-10
Butane	106-97-8	5-10
Ethylene Glycol	107-21-1	3-5

SECTION 16: OTHER INFORMATION

REVISION INFORMATION

VERSION NUMBER:1.0001 (Original, changed format 1-06-2000)

REVISION DATE: 8/15/2013

PRINT DATE:

ABBREVIATIONS:

N/A: Not Applicable

N/D: Not Determined

NE: Not Established

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

HMIS: Hazardous Materials Information System NFPA: National Fire Protection Association

EPA: US Environmental Protection Agency

NIOSH: National institute of Occupational Safety and Health

DISCLAIMER OF LIABILITY:

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SECTION 1: PRODUCT IDENTIFICATION

Product: Cleansing Towelette

Product Label Name: Cleansing Towelette

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

Emergency Telephone Number: 631-656-3800

Recommended use: Antiseptic

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.
(P305+P351)
If eye irritation persists: Get medical advice/attention.
(P337+P313)

SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration	R Phrase
Isopropyl Alcohol	67-63-0	5%	R11
Benzalkonium Chloride	68391-01-5	<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

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.

Personal Protective Equipment (PPE):

Eye/Face Protection: None needed under normal use – Wear goggles if 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.

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

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 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

<u>DOT</u>	Not Regulated as Hazardous Material under DOT 49 CFR 172.102 Special Provision 47
<u>UN (EU: ADR/RID/ADN)</u>	Not Regulated as Hazardous Material under UN Dangerous Goods Ch. 3.3 Special Provision 216
<u>IATA/ ICAO</u>	Not Regulated as Hazardous Material under IATA Sec. 4.4 Special Provision A46, ICAO DPG SP A46
<u>IMDG/ IMO</u>	Not Regulated as Hazardous Material under IMDG Ch. 3.3 Special Provision 216

Special Provisions Verbiage: (DOT) Mixtures of solids that are not subject to this subchapter and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Except when the liquids are fully absorbed in solid material contained in sealed bags, for single packagings, each packaging must correspond to a design type that has passed a leakproofness test at the Packing Group II level. Small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed onto a solid material are not subject to this subchapter provided there is no free liquid in the packet or article. (UN: ARD/RID/ADN) SP216: Mixtures of solids which are not subjects to these Regulations and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk packaging. Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid are not subject to these Regulations provided there is no free liquid in the packet or article. SP313: Sealed packets and articles containing less than 10 ml of an environmentally hazardous liquid, absorbed into a solid material but with no free liquid in the packet or article, or containing less than 10 g of an environmentally hazardous solid, are not subject to these Regulations. (IATA) Small inner packagings consisting of sealed packets or articles containing less than 10 mL of a Packing Group II or III flammable liquid absorbed into a solid material are not subject to these Regulations provided there is no free liquid in the packet or article (IACAO) Mixtures of solids which are not subject to these Instructions and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, providing there is no free liquid visible at the time the substance is packaged and the packaging must pass a leakproofness test at the Packing Group II level. Small inner packagings consisting of sealed packets or articles containing less than 10 mL of a Packing Group II or III flammable liquid absorbed into a solid material are not subject to these Instructions provided there is no free liquid in the packet or articles. (IMDG) Sealed packets containing 10 ml or less of Class 3 flammable liquids in Packing Group II or III which are absorbed into a solid with no free liquid at the time of shipment are not regulated.

SECTION 15: REGULATORY INFORMATION

5% Isopropanol Solution Not Classified Hazardous.

SECTION 16: OTHER INFORMATION**Issue Date: 03-26-2014****Revision Date: 03-10-2021****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.

Sage Security Products Inc.

Safety Data Sheet

Date: May 01, 2015

Revised: June 22, 2021

1. PRODUCT & COMPANY IDENTIFICATION

Product Name	: Activated 4" & 6" Sage Light Sticks – All Colors
Product Code	: 0408H, 0412H, 0608H, 0612H, 0608NV
Company Identification	
Company Name	: Sage Security Products, Inc.
Address	: P.O. Box 3855 Pinehurst, NC 28374
Department	: Research & Development Department
Telephone	: 910-696-1800
Emergency Telephone	: 910-696-1800
Fax	: 910-637-6469

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

PHYSICAL HAZARD

Flammable liquids	: Not classified
Oxidizing liquids	: Not classified

HEALTH HAZARDS

Acute toxicity (oral)	: Not classified
Acute toxicity (skin)	: Not classified
Acute toxicity (inhalation: vapor)	: Category 5
Skin corrosion / irritation	: Category 3
Serious eye damages / eye irritation	: Category 2
Germ cell mutagenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity; single exposure	: Category 3 (anesthetic action)

ENVIRONMENTAL HAZARDS

Aquatic environmental toxicity	: Not classified
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GHS LABEL ELEMENTS

PICTOGRAMS OR HAZARD SYMBOLS



SIGNAL WORD	: Warning
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HAZARD STATEMENTS	: May be harmful if inhaled Cause mild skin irritation Cause eye irritation May cause respiratory irritation (anesthetic action)
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PRECAUTIONARY STATEMENTS (For the content liquid)

PREVENTION

- Wear protective gloves/eye protection/face protection
- Wash thoroughly after handling
- Avoid release to the environment

RESPONSE

- If on skins: Wash with plenty of soap and water.
- If on skins (or hair): Remove/take off immediately all containment clothing. Rinse skin with water/shower. Wash containment clothing before reuse.
- If inhaled: Remove person to fresh air and keep comfortable for breathing.
- If skin irritation occurs: Get medical advice/attention.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present.
- If eye irritation persists: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE	: Mixture	
CHEMICAL NAME & COMPOSITION (wt.%)	: (1) Polyethylene	55.6%
	(2) Glass	6.9%
	(3) Acetyl Tributyl Citrate	16.00%
	(4) Dimethyl Phthalate	8.3%
	Diethylene Glycol	
	(5) Monoethyl Ether	3.0%
	(6) Benzyl Benzoate	7.3%
	(7) CPPO	2.6%
	(8) Hydrogen Peroxide	0.4%
	(9) Catalyst	<0.1%
	(10) Fluorescer	<0.1%
	(11) Antioxidant	<0.1%
CAS No.	(1) Polyethylene	9002-88-4
	(2) Glass	308066-74-2
	(3) Acetyl Tributyl Citrate	77-90-7
	(4) Dimethyl Phthalata	131-11-3
	Diethylene Glycol	
	(5) Monoethyl Ether	111-90-0
	(6) Benzyl Benzoate	120-51-4
	(7) CPPO	30431-54-0
	(8) Hydrogen Peroxide	7722-84-1

4. FIRST-AID MEASURES (For the content liquid)

INHALATION

-Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention immediately.

SKIN CONTACT

-Remove/Take off immediately all contaminated clothing and wash thoroughly before reuse.

Wash with soap and water.

-Rinse skin with water/shower.

-If skin irritation/rash occurs or feel unwell, seek medical advice/attention.

EYES CONTACT

-Rinse cautiously with water several minutes or more. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists, get medical advice/attention.

-Even if it is very small amount contact, rinse by clean water for 15 minutes or more, and seek Ophthalmologist's advice/attention.

INGESTION

-Get medical advice/attention if you feel unwell.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Dry chemical powder, carbon dioxide, large volume of foam.

SPECIFIC EXTINCTION METHOD

- Fighters should work from the windward side.
- Evacuate all personnel from affected area.

SPECIAL PROTECTIVE FOR FIRE-FIGHTERS

- In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.
 - During a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.
-

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- Wear appropriate personal protective equipment's while clearing up the spills.
- Workers should work from the windward side.
- Evacuate all person downwind from affected area.

ENVIRONMENTAL PRECAUTIONS

Disposal is to be done in compliance with federal, state/provincial and local regulations.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, sawdust). In case of large amount of spillage, surround it by banking to avoid the spills spread out. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

HANDLING (For the content liquid)

TECHNICAL MEASURE

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapor or mist. Wash hands and face thoroughly after handling. Use a closed system if possible. Use a ventilation, local exhaust ventilation if vapor or aerosol will be generated. Keep away from heat/sparks/open flames/hot surfaces.

ADVICE ON SAFE HANDLING

- Avoid all contact!
- Confirm in advance if peroxides exist when operations involving heating such as distillation are carried out.

STORAGE

STORAGE CONDITION

- Keep container tightly closed. Store in a cool and dark place.
- Store under inert gas.
- Protect from moisture.
- Store in a lockable place.
- Store away from incompatible materials such as oxidizing agents.

PACKING MATERIALS

- Containers which are compliant to the Fire and Disaster Management Act and UN transport regulations should be used.
-

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (For the content liquid)

FACILITY AND EQUIPMENT MEASURES

- Provide eye washing tools and safety shower.
- Provide local exhaust ventilation.

CONTROL LIMIT

: Not established

OCCUPATIONAL EXPOSURE LIMITS

- ACGIH : TLV-TWA Dimethyl Phthalate ³⁾ 5 mg/m³

PERSONAL PROTECTIVE EQUIPMENT	TLV-TWA Hydrogen Peroxide ⁹⁾ 1 ppm
-Respiratory protection	: Gas mask, simple gas mask, etc.
-Eye protection	: Protection glasses with shroud, or protection surface.
-Hand protection	: Protective gloves
-Skin and body protection	: Protective clothing and protection boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Columnar solid
Odor	: Odorless
pH	: No data
Melting point	: No data
Boiling point	: No data
Flash point (contents)	: 110 °C (Closed Cup)
Explosion properties	: No data
Vapor pressure	: No data
Vapor density	: No data
Specific gravity	: 1.10 (inner solution)
Solubility in water	: Slightly soluble
Octanol/water partition coefficient	: No data
Ignition point	: No data
Decomposition temperature	: No data

10. STABILITY AND REACTIVITY

STABILITY	: Stable under proper conditions
REACTIVITY	: No special reactivity has been reported.
CONDITIONS TO AVOID	: Very high or low temperatures and light.
HAZARDOUS DECOMPOSITION PRODUCTS	: Carbon monoxide, Carbon dioxide, Hydrogen chloride ^{1) - 10)}

11. TOXICOLOGICAL INFORMATION

Acute toxicity(oral)	: Not classified. The oral toxicity of this product is estimated to be 25,613 mg/kg based on an assessment of the ingredients ^{2), 5), 7), 8), 9)} .
Acute toxicity(skin)	: Not classified. The skin toxicity of this product is estimated to be 80,156 mg/kg based on an assessment of the ingredients ^{2), 3), 5), 7) 8), 11)} .
Acute toxicity(inhalation: vapor)	: Category 5. The inhalation toxicity of this product is estimated to be 530 mg/L based on an assessment of the ingredients ^{3), 6), 7) - 9)} .
Skin corrosion/irritation	: Category 3. The skin corrosion/irritation of this product was classified as Category 3 based on an assessment of the ingredients ^{1) - 10)} .
Serious eye damage/eye irritation	: Category 2. The serious eye damages/eye irritation of this product was classified as Category 2 based on a n assessment of the ingredients ^{1) - 10)} .
Respiratory or skin sensitization	: No data available
Germ cell mutagenicity	: Not classified. Chemicals of Category 1 is not contained more than 0.1% and category 2 is not contained more than 1.0% ^{1) - 10)} .
Carcinogenicity	: No data available
Reproductive toxicity	: Not classified. Chemicals of Category 1 is not contained more than 0.3% and category 2 is not contained more than 3.0% ^{1) - 10)} .
Specific target organ systemic toxicity; single exposure:	Category 3(anesthetic action). This product contains Dimethyl Phthalate. ^{1) - 10)} .
Specific target organ systemic toxicity; repeated exposure:	Not classified. Chemicals of Category 1 is not contained more than 1.0% and category 2 is not contained more than 1.0% ^{1) - 10)} .

Aspiration hazard : No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity : No data
 Persistence/degradability : No data
 Bioaccumulative potential (BCF) : No data
 Mobility in soil : No data

13. DISPOSAL CONSIDERATIONS

- Let a licensed disposal company handle the surplus and non-recyclable solutions.
- Observe all federal, state, and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

HAZARD CLASS : Class-4 No. 3 petroleum's Dangerous grade 3
 UN-No. : Not Listed
 RID/ADR/IMDG/IATA : Not restricted

15. JAPANESE REGULATORY INFORMATION (For the content liquid)

Fire Defense Law : Class-4 No. 3 petroleum's Dangerous grade 3
 ISHL (Article 57) : Dangerous or Harmful Substances Subject to Notify their Names etc.
 ISHL (Article 57-2) : Dangerous or Harmful Substances Subject to Notify their Names, etc.
 Marine Pollution Prevention law : Noxious liquid substance, "Category Z" (Execution Law, Separate Table 1)

16. OTHER INFORMATION

REFERENCES

1. The Material Safety Data Sheet (MSDS) of Acetyl Tributyl Citrate by Tokyo Chemical Industry Co., Ltd (2012)
2. M. Hirata et al., *Bull. Natl. Inst. Health Sci.*, **2012**, 130, 31-42
3. The Material Safety Data Sheet (MSDS) of Dimethyl Phthalate by Wako Pure Chemical Industries, Ltd. (2010)
4. The Material Safety Date Sheet (MSDS) of Diethylene Glycol Monomethyl Ether published by Tokyo Chemical Industry Co., Ltd. (2012)
5. The Material Safety Data Sheet (MSDS) of Diethylene Glycol Monomethyl Ether published by Junsei Chemical Co. Ltd. (2001)
6. The Material Safety Data Sheet (MSDS) of Diethylene Glycol Monomethyl Ether published by Sigma Aldrich. (2012)
7. The Material Safety Data Sheet (MSDS) of Benzyl Benzoate published by Nakalai tesque, Ink. (2002)
8. The Material Safety Data Sheet (MSDS) of Bis-(3, 4, 6-trichloro-2-(pentyloxy carbonyl)phenyl)oxalate by Tokyo Chemical Industry Co., Ltd. (2012)
9. The Material Safety Data Sheet (MSDS) of Hydrogen Peroxide published by Wako Pure Chemicals Industries, Ltd. (2011)
10. EU-RAR(2003)

This SDS was prepared based on the information we can get at the time of preparation; however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety.

Material Safety Data Sheet (MSDS)

Company: Yangzhou Suxiang Medical Instrument Co., Ltd
Issue date: May.06,2022

Product Name: Alcohol pad
According to ISO 11014-2009

Section 1 - Identification of the substance/mixture and of the company

Product identifier

Product name: Alcohol pad; Alcohol swab; Alcohol prep pad

1.1 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Cleaning and Disinfection of Skin.

Uses advised against: No information available.

1.2 Details of the supplier of the material safety data sheet

manufacturer: Yangzhou Suxiang Medical Instrument Co., Ltd.

Address: No. 18, Baoyan Road, Anyi Town, Baoying county, Yangzhou, Jiangsu, China

1.3 Emergency telephone number: 0514- 88282780

Section 2 - Hazards identification

2.1 Classification of the substance or mixture

Normal use without harm

2.2 Label elements

No major impact or harm

Precautionary statements:

- | | |
|---|---|
| P201 | Obtain special instructions before use. |
| P233 | Keep container tightly closed. |
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof |
| electrical/ventilating/lighting.../equipment P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 |
| IF ON SKIN (or hair): | Take off immediately all contaminated clothing. |
| | Rinse skin with water/ shower. |
| P370+P378 | In case of fire: Use... to extinguish. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

Material Safety Data Sheet (MSDS)

Company: Yangzhou Suxiang Medical Instrument Co., Ltd
Issue date: May.06,2022

Product Name: Alcohol pad
According to ISO 11014-2009

2.3 Other hazards:

No information available.

Section 3 – Composition/Information on Ingredient

3.1 Chemical characterization:

Mixtures Description:

Product: consisting of the following components.

Chemical Name	CAS No.	Concentration
Water	7732-18-5	30%
Isopropyl	67-63-0	70%

Section 4 - First Aid Measures

4.1 Description of first aid

measures General information:

In all cases of doubt, seek medical attention.

Following inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Following skin contact:

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse

Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Following ingestion:

Call a doctor if you feel unwell. Rinse mouth.

Information for doctor:

No information available.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

Material Safety Data Sheet (MSDS)

Company: Yangzhou Suxiang Medical Instrument Co., Ltd
Issue date: May.06,2022

Product Name: Alcohol pad
According to ISO 11014-2009

Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use dry chemical, carbon dioxide, alcohol resistant foam or water spray.

Unsuitable extinguishing agents: No information available.

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

Fire-fighters should wear appropriate breathing apparatus and protective equipment. Prevent fire-fighting water from entering surface water or groundwater.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

6.3 Methods and material for containment and cleaning up

Absorb with earth, sand or other non-combustible material and transfer to container.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

Section 7 - Handling and Storage

7.1 Handling

Use personal protective equipment as required.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated area.

Specific end use(s) No information available.

Section 8 - Exposure controls/personal protection

8.2 Exposure controls

Appropriate engineering controls: Provide local exhaust or process enclosure ventilation system.

Respiratory protection: Generally no special protection is required

Skin protection: Generally no special protection is required

Eye and face protection: Generally no special protection is required

Body protection: Generally no special protection is required

Environmental exposure controls: Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

Other protection: Attention to personal hygiene.

Material Safety Data Sheet (MSDS)

Company: Yangzhou Suxiang Medical Instrument Co., Ltd
Issue date: May.06,2022

Product Name: Alcohol pad
According to ISO 11014-2009

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical

properties Appearance:	Solid
Colour:	White
Odour:	Weak odor
Flash point:	N/A
Boiling point:	N/A

Other information:

Additional information: No data available.

Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions.

10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

Section 11 - Toxicological Informatio

Acute toxicity: No information available.

Skin corrosion/irritation: No information available.

Serious eye damage/irritation: No information available.

Respiratory or skin sensitization: No sensitizing effects known.

Toxicokinetics, metabolism and distribution: No information available.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction): No information available.

Material Safety Data Sheet (MSDS)

Company: Yangzhou Suxiang Medical Instrument Co., Ltd
Issue date: May.06,2022

Product Name: Alcohol pad
According to ISO 11014-2009

Section 12 - Ecological Information

12.1 Toxicity

Acquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB

assessment PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

No information available.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose in accordance with all applicable regional and local laws and regulations.

Section 14 - Transport Information

14.1 UN-Number

ADR/RID/ADN, IMDG, IATA N/A

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA N/A

14.3 Transport hazard class (es)

ADR/RID/ADN, IMDG, IATA

Class N/A

Label

14.4 Packing group

ADR/RID/ADN, IMDG, IATA N/A

14.5 Environmental hazards None

14.6 Additional information According to above requirement, no hazardous goods

Section 15 - Regulatory Information

No information available.

Material Safety Data Sheet (MSDS)

Company: Yangzhou Suxiang Medical Instrument Co., Ltd
Issue date: May.06,2022

Product Name: Alcohol pad
According to ISO 11014-2009

Section 16 - Additional Information

Reference: N/A

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document