

February 23rd, 2024

74256 - Deluxe Trauma Kit

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

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Safety Data Sheet

29 CFR 1910.1200

Printing date: 03/30/2021

Version:A/0

1 Identification

· Product identifier

Trade name: Triple Antibiotic Ointment

·Other means of identification

Synonyms: None

·Recommended use of the chemical and restrictions on use

Recommended us: To help prevent infections in minor cuts,scrapes or burns.

Uses advised against: No information available

·Details of the supplier of the safety data sheet

Supplier Name: GFA PRODUCTION XIAMEN CO.,LTD

Supplier Address: No.20 Hu Li Industrial Park,Mei Xi Road,Tong An,Xiamen,Fujian China

Supplier telephone number:(086)0592-7269515

Extension:632

Fax : (086)0592-7269528

Supplier Email: lemond @gfaproduction.com

· **Emergency telephone number:13950121840**

2 Hazard(s) identification

Emergency overview&hazards present to man and the environment:May cause eye irritation.May cause irritation of the digestive tract when ingested.

Potential health effects:Eye contact,ingestion

Potential health effects:

Eyes:Moderate Eye Irritation:Sighs/symptoms may include redness,swelling,pain,tearing,and blurred or hazy vision.

Skin:No health effects are expected.

Inhalation:Respiratory Tract Irritation:Irritation:Sighs/symptoms may

include cough,sneezing,nasal discharge,headache,hoarseness,and nose and throat pain.May be absorbed following ihhalation and cause target organ effects.

Ingestion:Gastrointestinal Irritation:Sighs/symptoms may include abdominal pain,stomach upset,nausea vomiting and diarrhea.May be absorbed following ingestion and cause target organ effects.

Medical conditions aggravated by exposure:Hypersensitivity to polymixin B sulfate,bacitracin zinc,neomycin sulfate or related antibiotics.

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3 Composition/information on ingredients

Chemical Name	%by Weight	CAS Number	Exposure Limits
Bacitracin Zinc	1%	1405-87-4	N/A
Polymyxin B Sulfate	0.084%	1405-20-5	N/A
Neomycin Sulfate	0.505%	1404-04-2	N/A
vaseline	96.411%	8009-03-8	N/A
Mineral oli	2%	8042-47-5	N/A

4 First-aid measures

Seek medical attention for all cases of overexposure:

Potential health effects:

Eye contact:Flush eyes with large amounts of water.If sighs/symptoms persist,get medical attention.

Skin contact:No need for first aid is anticipated.

Inhalation:Remove person to fresh air.f sighs/symptoms persist,get medical attention.

Ingestion:Contact a physician or poison control center immediately.

Physician instructions:Stop use and consult a doctor if irritation and redness develop and persist for more than 72 hours.

5 Fire-fighting measures

NFPA Classification			
Health	Fire	Reactivity	Other
1	0	0	None
Extinguishing Media: Carbon dioxide for small fires.			
Firefighting Instructions: If package is open,the contents will burn.Handle as flammable liquid.			
Firefighting Equipment: Wear self-contained breathing apparatus and full protective gear.Treat as combustible.			

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6 Accidental release measures

Environmental Precautions:If package is damaged,Pick up and place in disposal container.If packaging is intact,product may be used before discarding.

7 Handling and storage

Handing:Keep out of reach of children.

Storage:Store at room temperature,away from acids.Store away from heat.Store out of direct sunlight.Keep container tightly closed.

8 Exposure controls/personal protection

Exposure controls:Not applicable.

Engineering controls:Not applicable.

Personal protective equipment:

Eye/Face Protection: Not required.

Skin Protection:Not required.

Respiratory Protection:Not required.

9 Physical and Chemical Properties

Product:Triple Antibiotic Ointment

General Information:

Appearance:Opaque,off-White Ointment

Odor:No odor

Boiling Point:Not applicable

Melting Point:Not applicable

Specific Gravity:0.86

Unusual Fire&Explosion Hazards:N/A

PH:N/A

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10 Stability and reactivity

Stability: The product is stable under normal conditions

Conditions to avoid: Extreme heat

Material to avoid: Strong oxidants, strong acids

Hazardous Decomposition Products: Hazardous polymerization will not occur.

11 Toxicological information

N/A

12 Ecological information

No ecological or special considerations when used according to directions. This product is not considered environmentally harmful from normal dilution, expected usage and typical drainage to sewers, septic systems and treatment plants.

13 Disposal considerations

Dispose of in accordance with Local, State and Federal regulations.

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14 Transport information

Examine whether the package of the containers are integrate and tight-closed or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together chief food chemicals. The assemble place should keep away from bedroom and kitchen, and the engine room, power and fire source should be isolated from the assemble place. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area.

15 Regulatory information

National regulations, other regulations, limitations and prohibitive regulations
The product & additives incorporated in it also comply with FDA: CFR Title 21.177.1520 Olefin Polymer.

16 Other information

The above information is based on the data of which we are aware and is believed to correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Hydrogen Peroxide, 30% ACS

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Hydrogen Peroxide, 30% ACS

Synonyms/Generic Names: Peroxide

Product Number: 2665

Product Use: Industrial, Manufacturing or Laboratory use

Manufacturer: Columbus Chemical Industries, Inc.
N4335 Temkin Rd.
Columbus, WI. 53925

For More Information Call: 920-623-2140 (Monday-Friday 8:00-4:30)

In Case of Emergency Call: CHEMTREC - 800-424-9300 or 703-527-3887 (24 Hours/Day, 7 Days/Week)

2. HAZARDS IDENTIFICATION

OSHA Hazards: Oxidizer, Target organ effect, Toxic by ingestion, Corrosive, Carcinogen

Target Organs: Eyes, Skin, Respiratory system

Signal Words: Danger

Pictograms:



GHS Classification

Oxidizing liquids	Category 1
Acute toxicity, Dermal	Category 4
Acute toxicity, Oral	Category 4
Skin corrosion	Category 1A
Eye irritation	Category 1
Acute aquatic toxicity	Category 3

GHS Label Elements, including precautionary statements:

Hazard Statements:

H271	May cause fire or explosion; strong oxidizer
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H402	Harmful to aquatic life

Precautionary Statements:

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P220	Keep/Store away from clothing and other combustible materials.
P221	Take any precaution to avoid mixing with combustibles.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P283	Wear fire/flammable resistant/retardant clothing.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/physician.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate media to extinguish.
P371+P380+P375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local regulations.

Potential Health Effects

Eyes	May cause serious damage.
Inhalation	Irritating to the respiratory system. Causes irritation to the respiratory tract.
Skin	Irritating to skin. Contact causes redness, burns, itching and pain. Prolonged or repeated skin exposure may cause dermatitis.
Ingestion	Causes irritation and pain.

NFPA Ratings

Health	3
Flammability	0
Reactivity	1
Specific hazard	OX

HMIS Ratings

Health	3
Fire	0
Reactivity	1

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	CAS #	EINECS# / ELINCS#	Formula	Molecular Weight
Hydrogen Peroxide	29-31	7722-84-1	231-765-0	H ₂ O ₂	34.01 g/mol
Water	Balance	7732-18-5	231-791-2	H ₂ O	18.00 g/mol

4. FIRST-AID MEASURES

Eyes	Rinse with plenty of water for at least 15 minutes and seek medical attention immediately.
Inhalation	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Skin	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention immediately.

Ingestion	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention immediately.
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5. FIREFIGHTING MEASURES

Suitable (and unsuitable) extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use flooding quantities of water to cool containers.
Special protective equipment and precautions for firefighters	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical	Product components will burn producing oxygen. (See also Stability and Reactivity section).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions	Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.
Methods and materials for containment and cleaning up	Neutralize spill with sodium bicarbonate or lime. Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.

Conditions for safe storage, including any incompatibilities

Store in cool, dry well ventilated area. Isolate from combustible material. Store in the dark. Keep away from incompatible materials (see section 10 for incompatibilities).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls:

Component	Exposure Limits	Basis	Entity
Hydrogen Peroxide	1 ppm 1.4 mg/m ³	TLV	ACGIH
	1 ppm 1.4 mg/m ³	PEL	OSHA
	1 ppm 1.4 mg/m ³	REL	NIOSH

TWA: Time Weighted Average over 8 hours of work.

TLV: Threshold Limit Value over 8 hours of work.

REL: Recommended Exposure Limit

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection

Eyes	Wear chemical safety glasses with a face shield for splash protection.
Inhalation	Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Skin	Wear neoprene or nitrile gloves, apron and other protective clothing appropriate to the risk of exposure.
Other	Not Available

Other Recommendations

Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. Have supplies and equipment for neutralization and running water available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Clear, colorless liquid
Odor	No Odor
Odor threshold	Not Applicable
pH	Not Available
Melting point/freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flash point	Not Flammable
Evaporation rate	Not Available
Flammability (solid, gas)	Not Flammable
Upper/lower flammability or explosive limit	Not Explosive
Vapor pressure	Not Available
Vapor density	Not Available
Relative density	Not Available
Solubility (ies)	Completely soluble in water
Partition coefficient: n-octanol/water	Not Available
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur.
Conditions to Avoid	Store out of direct light
Incompatible Materials	Brass, Copper, Powdered metals, Iron, Iron and iron salts, combustible materials
Hazardous Decomposition Products	Not Available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Hydrogen Peroxide

Skin	LD50 Dermal – rat – 4060 mg/kg
Eyes	Not Available
Respiratory	Not Available

Ingestion	LD50 Oral – mouse – 2000 mg/kg
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Carcinogenicity

IARC	No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC.
ACGIH	A3: Confirmed animal carcinogen with unknown relevance to humans.
NTP	No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Signs & Symptoms of Exposure

Skin	Redness, burning, itching and pain.
Eyes	Eye burns, pain, watering eyes.
Respiratory	Coughing, shortness of breath, burning, choking, coughing, wheezing, laryngitis, headache or nausea.
Ingestion	Causes irritation and pain.

Chronic Toxicity	Not Available
Teratogenicity	Not Available
Mutagenicity	Not Available
Embryotoxicity	Not Available
Specific Target Organ Toxicity	Not Available
Reproductive Toxicity	Not Available
Respiratory/Skin Sensitization	Not Available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Hydrogen Peroxide

Aquatic Vertebrate	Not Available
Aquatic Invertebrate	Not Available
Terrestrial	Not Available

Persistence and Degradability	Not Available
Bioaccumulative Potential	Not Available
Mobility in Soil	Not Available
PBT and vPvB Assessment	Not Available
Other Adverse Effects	Not Available

13. DISPOSAL CONSIDERATIONS

Waste Product or Residues	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product or residue.
Product Containers	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information offered in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods.

14. TRANSPORTATION INFORMATION

US DOT	UN2014, Hydrogen peroxide, aqueous solutions 5.1, (8), pg II
TDG	UN2014, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS 5.1, (8), PG II
IMDG	UN2014, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS 5.1, (8), PG II
Marine Pollutant	No
IATA/ICAO	UN2014, Hydrogen peroxide, aqueous solutions 5.1, (8), pg II

15. REGULATORY INFORMATION

TSCA Inventory Status	All ingredients are listed on the TSCA Active inventory.
DSL/NDSL	All ingredients are listed on the DSL inventory.
California Proposition 65	Not Listed
SARA 302	Listed: Hydrogen Peroxide (Conc. >52%)
SARA 304	Listed: Hydrogen Peroxide (Conc. >52%)
SARA 311	Acute Health Hazard, Reactivity Hazard
SARA 312	Acute Health Hazard, Reactivity Hazard
SARA 313	Listed: Hydrogen Peroxide (Conc. >52%)
WHMIS Canada	Class C: Oxidizing Material Class D-2B: Poisonous and Infectious Material-Other effects-Toxic Class E: Corrosive Material

16. OTHER INFORMATION

Revision	Date
Revision 1	12/03/2012
Revision 2	05/28/2015
Revision 3	03/11/2020

Disclaimer: Columbus Chemical Industries, Inc. ("Columbus") believes that the information herein is factual but is not intended to be all inclusive. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because Columbus has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law. COLUMBUS MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING (WITHOUT LIMITATION) WARRANTIES WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN OR WITH RESPECT TO FITNESS FOR ANY PARTICULAR USE.

SDS

MKT-FORM-056.0

Safety Data Sheet

Effective Date: 2019-12-13

From: **Biolife, LLC**
8163 25th Court East
Sarasota, FL 34243

Telephone: +1 941.360.1300
or Local Poison Control

1. Chemical Product and Company Identification

- 1.1. **Product Identifier:** WoundSeal[®] Powder (packaged in individual packages)
- 1.2. **Synonyms:** Pro QR[®] (Quick Relief) for Minor External Bleeding from Wounds and Procedures
- 1.3. **Molecular Weight:** N/A – It is a mixture of 2 components.
- 1.4. **Appearance:** Tan/brown powder
- 1.5. **Package Size:** <4g
- 1.6. **Manufacturer:**

Biolife, LLC, 8163 25th Court East, Sarasota, FL, 34243, USA
Telephone: +1 941.360.1300
www.biolife.com

2. Hazard Identification:

- 2.1. **Health Rating:** 1
- 2.2. **Flammability Rating:** 1
- 2.3. **Reactivity Rating:** 2
- 2.4. **Personal Equipment Needed:** Eye protection, dust mask, gowning

A reactivity rating of two is due to the powder's exothermic absorption of water. Large quantities of powder will generate considerable heat when mixed with water.

3. Identification of Components

Identification	Synonym	CAS#	% by Weight
3.1. Potassium ferrate	Fusion ferrate	NA	10 to 15
3.2. Polystyrene sulfonic acid	Ion exchange resin	69011-20-7	85 to 90

4. First Aid Measures

- 4.1. **Inhalation:** If inhaled, the powder may be a temporary respiratory irritant. Remove the person to fresh air. Seek medical attention as needed.
 - 4.2. **Ingestion:** Do not induce vomiting. Seek medical attention as needed. the powder will pass through the digestive track.
 - 4.3. **Eye Contact:** Flush the eye with running water for at least 5 minutes. The eye may be temporarily red. Seek medical attention as needed.
 - 4.4. **Skin Contact:** Remove the dry powder from the skin with a brush. Rinse the dry powder with a large volume of water. Seek medical attention as needed.
-

5. Fire Fighting Information

- 5.1. **Fire Extinguishing Media:** Do not use foam or water. Extinguish fires with dry chemicals, sand, soda ash, or water fog.
 - 5.2. **Special hazards arising from the substance or mixture:** By heating and fire, harmful vapors/gases maybe found.
 - 5.3. **General Fire Hazards:** The product is not flammable. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors
-

6. Accidental Release Measures

- 6.1. Wear appropriate personal protective equipment. Remove sources of ignition and ventilate the area. Pick up material in a manner which avoids dust creation and dispose material in an appropriate container. Properly report any spills that may be an environmental concern.
- 6.2. Disposal of the material is to be conducted in compliance with all governmental regulations.

7. Handling and Storage

- 7.1. Store in a clean, dry place.
- 7.2. Use by expiration date listed.
- 7.3. Discard if product is damaged, opened or powder does not flow freely.

8. Exposure Controls and Personal Protection

- 8.1. **OSHA Permissible Exposure Limit (PEL):** No data
- 8.2. **AGGIH Threshold Limit Value (TLV):** No data
- 8.3. **Appropriate Engineering Controls:** Work in a well-ventilated facility. Avoid concentrating the dust in a confined work area.
- 8.4. **Respiratory Protection:** Personal respiratory protective equipment is normally not required.
- 8.5. **Thermal Hazards:** WoundSeal® reacts exothermically when exposed to water. This could result in a physical burn.
- 8.6. **Other Personal Protection Equipment:** Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practices. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

- 9.1. **Appearance:** Tan/brown powder
- 9.2. **Odor:** None; slightly astringent
- 9.3. **Solubility:** Insoluble
- 9.4. **Density (g/ml):** 0.8
- 9.5. **pH:** N/A (solid powder)
- 9.6. **Vapor Pressure (mmHg):** N/A (solid powder)
- 9.7. **% Volatile by Volume:** N/A (solid powder)
- 9.8. **Combustibility:** Not available
- 9.9. **Flash Point:** Not available
- 9.10. **Explosive Limits:** No data
- 9.11. **Freezing Point:** N/A (solid powder)
- 9.12. **Melting Point:** N/A (solid powder)
- 9.13. **Sublimation Point:** Polymer portion of the powder will sublime at >300°C

10. Stability and Reactivity

- 10.1. **Stability:** If the material is kept dry and near 25°C, it is very stable.
- 10.2. **Reactivity:** It will exothermically react with water and other liquids, producing O₂ (g) as it decomposes.
- 10.3. **Decomposition Products:** The byproducts of decomposition when wetted are polymer, iron oxide and oxygen.
- 10.4. **Hazardous Decomposition Products:** None known
- 10.5. **Incompatibilities:** N/A under designed usages
- 10.6. **Conditions to Avoid:** N/A under designed usages

11. Toxicological Information

No Data

12. Ecological Information

Environmental and Ecological impacts are not known.

13. Disposal Measures

Disposal of the material is to be conducted in compliance with all governmental regulations.

14. Transportation Information

- 14.1. **DOT:** Not regulated as a dangerous good.
- 14.2. **IATA:** Not regulated as a dangerous good.
- 14.3. **Storage and Labeling:** Do not remove the powder from the package until it is ready to be used.

15. Regulatory Information

15.1. US Regulations: This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

15.2. Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

15.2.1. Immediate (Acute) Health Hazard? Yes

15.2.2. Delayed (Chronic) Health Hazard? No

15.2.3. Fire Hazard? No

15.2.4. Reactive Hazard? No

15.2.5. Sudden Release of Pressure Hazard? No

15.2.6. To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

15.3. Canadian Regulations:

15.3.1. WHMIS information: D2B- eye or skin irritant. Refer elsewhere in the SDS for specific warning and safe handling information.

15.3.2. CPR Statement: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Regulations (CPR) and the SDS contains all the information required by the CPR.

16. Other Information

Disclaimer: The submission of the SDS is required by law and is not an assertion that the product is hazardous when used in the proper conditions, by trained individuals. The information herein is dependable and accurate to the best of Biolife, LLC’s knowledge. There is no assertion to any claims if this product is combined with any other material.

Biolife, LLC is providing the contained herein information in good faith but is making no assertion or claim that it is accurate or comprehensive. The aforementioned information in this document is solely meant as a guide to the precautionary handling of packaged product by a properly trained person using this product. The properly trained individual using this product must use their expertise and independent judgment to determine the appropriate use for this product. Biolife, LLC makes no warranty or representation that this information is complete and is applicable to any situation. Biolife, LLC will not be held accountable for any damage resulting from the use or reliance on the aforementioned information contained within this document.



Telephone: (845) 365-8200 * Website: www.dynarex.com
Toll Free: (888) DYNAREX * Website: www.thcnet.com
Fax: (845) 365-8201

Reviewed April 2020

Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Identifiers:	Dynarex Instant Cold Pack with Urea (Non-Toxic), Dynarex Reorder # 4517 & 4518
Other means of identification:	Non-Toxic Instant Cold Pack
Recommended use of the chemical	Instant Cold Pack for thermal therapy Single Use For relief of pain and swelling caused by sprains, strains, contusions, minor burns, toothaches and insect bites
And restrictions on use	CAUTION: <ul style="list-style-type: none">• For external use only. Adult supervision recommended.• Do not puncture. If bag breaks and fluid contacts skin or eyes, immediately flush area with large amounts of water.• Do not swallow contents. If contents are accidentally swallowed, drink large amounts of water (not milk) and contact a Poison Control Center or physician.• Cold therapy should not be used by individuals with circulatory problems, unless under the direct supervision of a physician.
Name of the Manufacturer:	Dynarex Corporation
Manufacturer's Address:	10 Glenshaw Street Orangeburg, NY 10962
Emergency Phone No.:	Toll Free: 1-888-DYNAREX Phone: (845) 365-8200 Fax: (845) 365-8201 At other times, contact the local Poison Control Center



Telephone: (845) 365-8200 * **Website:** www.dynarex.com
Toll Free: (888) DYNAREX * **Website:** www.thcnet.com
Fax: (845) 365-8201

SECTION 2. HAZARDS IDENTIFICATION

2.1. Hazard classification
 Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements
Signal word
 Not applicable.
Symbols
 Not applicable.
Pictograms
 Not applicable.
Precautionary Statements
 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2.3. Hazards not otherwise classified
 None.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>% Weight</u>	<u>EXPOSURE GUIDELINE</u>		
		<u>Limits</u>	<u>Agency</u>	<u>Type</u>
None				
<u>OTHER COMPONENTS</u>	<u>% Weight</u>	<u>EXPOSURE GUIDELINE</u>		
		<u>Limits</u>	<u>Agency</u>	<u>Type</u>
Urea CAS# 57-13-6	40-70	Not Established		
Water CAS# 7732-18-5	30-60	Not Established		

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or you local agencies, for further information.

SECTION 4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and



Telephone: (845) 365-8200 * **Website:** www.dynarex.com
Toll Free: (888) DYNAREX * **Website:** www.thcnet.com
Fax: (845) 365-8201

water. If irritation or redness develops and persists, seek medical attention.

Inhalation (Breathing): If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion (Swallowing): First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable Properties: Flash Point: None
OSHA Flammability Class: Not applicable
LEL/UEL: No data
Autoignition Temperature: No data

Unusual Fire & Explosion Hazards: Closed containers exposed to extreme heat can rupture due to pressure buildup.

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Fire Fighting Instructions: For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors. Cool equipment exposed to fire with water, if it can be done with minimal risk.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Stay upwind and away from spill/release. Notify persons downwind of spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8). Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended.

SECTION 7. HANDLING AND STORAGE

Handling:

Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Section 2 and 8). Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

Storage: Keep container(s) tightly closed. Do not heat or contact with strong oxidizers. Use and store this material in cool, dry, well-ventilated areas. Do not store at temperatures below 60°F. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.



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Toll Free: (888) DYNAREX * **Website:** www.thcnet.com
Fax: (845) 365-8201

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: If current ventilation practices are not adequate to minimize exposure, additional ventilation or exhaust systems may be required.

Personal Protective Equipment (PPE):

Respiratory: Respiratory protection is not usually required.

Skin: The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation, and absorption (see glove manufacturer literature for information on permeability).

Eye/Face: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Flash Point: None to boiling

Flammable/Explosive Limits (%): No data

Autoignition Temperature: No data

Appearance: White solid in water bag

Physical State: solid/Liquid

Odor: None

pH: No data

Vapor Pressure (mm Hg): No data

Vapor Density (air=1): 0.6 H₂O, >1 Aerosol

Boiling Point: >212°F

Freezing/Melting Point: No data

Solubility in Water: 100%

Specific Gravity: 1.14

Percent Volatile: 50 wt%

Evaporation Rate (nBuAc=1): <1

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.

Conditions To Avoid: None known

Incompatible Materials: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: If involved in a fire, oxides of carbon and nitrogen may be generated, exposure to heat may generate ammonia fumes.

Hazardous Polymerization: Will not occur.



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SECTION 11. TOXICOLOGICAL INFORMATION

No definitive information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, is not a RCRA "listed" or "characteristic" hazardous waste. Use resulting in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials consult state and local regulations regarding the proper disposal of this material.

SECTION 14. TRANSPORT INFORMATION

Hazard Class or Division: Not classified as hazardous.

SECTION 15. REGULATORY INFORMATION

This material contains the following chemicals subject to the reporting requirements of **SARA 313** and 40 CFR 372.

--None--

Warning: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of **California Proposition 65** (CA Health & Safety Code Section 25249.5)

--None Known--

This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

EPA (CERCLA) Reportable Quantity: --None--



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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.



Safety Data Sheet

Product Name: BleedStop™ Powder

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: BleedStop™ Powder

Product Synonym: Modified Starch

Intended Use of the Product

Topical dressings for the management of bleeding wounds

Name, Address, and Telephone of the Responsible Party

Company

CoAg Medical

2276 Woodale Dr

Mounds View, MN 55112 USA

Customer Service: 877-601-7867

www.coagmedical.com

Emergency Telephone Number

Emergency Number : INSIDE USA AND CANADA: 800-424-9300 (CHEMTREC)
OUTSIDE USA AND CANADA: +1 703-527-3887 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US) : Combustible Dust

Label Elements

GHS-US Labeling

Signal Word (GHS-US) : WARNING

Hazard Statements (GHS-US) : May form combustible dust concentrations in air

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. No data available

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Name : BleedStop™ Powder

Safety Data Sheet

Material Name: **BleedStop™ Powder**

Name	Product Identifier	% (w/w)	Classification (GHS-US)
BleedStop™ Powder (Specific Identity Withheld as Trade Secret)	Withheld as Trade Secret	Withheld as Trade Secret	Combustible Dust

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Contact: Wash skin with soap and water if irritation develops.

Eye Contact: Rinse cautiously with water for several minutes. Obtain medical attention if irritation develops or persists.

Ingestion: None required.

Most Important Symptoms and Effects Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: Not expected to be a primary route of exposure under anticipated conditions of normal use. May cause respiratory irritation and dryness.

Skin Contact: None expected under normal conditions of use.

Eye Contact: May cause mechanical eye irritation.

Ingestion: Adverse effects not expected from this product.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label if possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: None known.

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Combustible Dust.

Explosion Hazard: This product is a combustible dust and as such is a potential fire/dust explosion hazard. Avoid creation of airborne dust. Fine dust particles dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.

Reactivity: Refer to Section 10 for reactivity properties.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Safety Data Sheet

Material Name: **Bleed Stop™ Powder**

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use personal protective equipment as required.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

Reference to Other Sections

See Section 8. Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Minimize creation of airborne dust. Practice good housekeeping in handling areas to ensure that dust does not accumulate on surfaces. Ensure handling systems and electrical equipment are designed and maintained in accordance with NFPA, NEC, OSHA, and other standards/regulations. Pneumatic conveying systems should be constructed of electrically conductive materials and properly grounded. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Ambient.

Special Sensitivity: Not Available

Sensitivity to Mechanical impact: No

Sensitivity to Static Electricity: Yes

Other Precautions: Use care to minimized dust generation in normal use conditions. Avoid dispersing the powder in the air.
Prevent buildup of powder on surfaces

Materials to Avoid/Chemical Incompatibility:

None known

Safety Data Sheet

Material Name: **Bleed Stop™ Powder**

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Particles Not Otherwise Specified (PNOS)		
USA ACGIH	ACGIH TLV (mg/m ³)	3 mg/m ³ (respirable, recommended)
USA ACGIH	ACGIH TLV (mg/m ³)	10 mg/m ³ (inhalable, recommended)
Nuisance Dust		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ (respirable dust)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust)

Exposure Controls

Appropriate Engineering Controls: General

Personal Protective Equipment: Gloves. In case of dust formation: Dust mask. Protective goggles.



Materials for Protective Clothing: Not required for normal conditions of use.

Hand Protection: Gloves are not normally required for foreseeable conditions of use.

Eye Protection: Safety glasses recommended.

Skin and Body Protection: Not required for normal conditions of use.

Respiratory Protection: NIOSH approved dust mask

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Off-white to light yellow powder
Odor	: Not available
Odor Threshold	: Not available
pH	: 6.0-7.0
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: 420 - 520 °C (788 - 968 °F)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available

Safety Data Sheet

Material Name: **Bleed Stop™ Powder**

Flammability (solid, gas)	: Combustible Dust
Explosive Limits	: See Dust Explosion Hazard Summary
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: Not available
Solubility	: Not available
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: See Dust Explosion Hazard Summa

Dust Explosion Hazard Summary

Dust Class	: Not available
Min. Autoignition Temp., MIT Cloud	: Not available
Min. Autoignition Temp., MIT Layer	: Not available
K _{St} (Deflagration Index)	: Not available
P _{max} (Maximum Pressure)	: Not available
MEC (Minimum Explosible Concentration)	: Not available
MIE (Minimum Ignition Energy)	: Not available
% Combustible	: Not available
Dust Layer Flammability	: Not available
Resistivity	: Not available
Chargeability	: Not available
Self-heating	: Not available
Particle Size Distribution	: Not available
Moisture Content	: 13-18%

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not expected to be reactive

Chemical Stability: Stable under recommended handling and storage conditions (see Section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified **Serious**

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Safety Data Sheet

Material Name: **Bleed Stop™ Powder**

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Not expected to be a primary route of exposure under anticipated conditions of normal use. May cause respiratory irritation and dryness.

Symptoms/Injuries After Skin Contact: None expected under normal conditions of use.

Symptoms/Injuries After Eye Contact: May cause mechanical eye irritation.

Symptoms/Injuries After Ingestion: Adverse effects not expected from this product.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data: Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Not available

Persistence and Degradability Not available

Bio accumulative Potential Not available

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT: Not regulated for transport

In Accordance with IMDG: Not regulated for transport

In Accordance with IATA: Not regulated for transport

In Accordance with TDG: Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

All ingredients are listed on the United States TSCA (Toxic Substances Control Act) inventory.

Safety Data Sheet

Material Name: **BleedStop™ Powder**

US State Regulations

Neither this product nor its chemical components appear on any US state lists.

Canadian Regulations

BleedStop Powder	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

SECTION 16: OTHER INFORMATION

Issue date : 08/30/2016
Revision date : 08/30/2022
Summary of Changes : Update per new information.
Other SDS Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 (according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations).

Party Responsible for the Preparation of This Document

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North America GHS US 2012 & WHMIS

天溯
Tian Su



深圳天溯计量检测股份有限公司
ShenZhen Tiansu Calibration and Testing Co.,Ltd.

Report No.: TSZ21120286-P02-R01
报告编号

Material Safety Data Sheet

材料安全数据表

Product Name : WARRIORS EXTRA HEAVY DUTY BATTERY
产品名称

Model : R20P D, R14P C, R6P AA, R03P AAA, 6F22, 4R25
型号

Date : Jan. 01, 2022
日期 : 2022年01月01日

Shenzhen Tiansu Calibration and Testing Co.,Ltd
深圳天溯计量检测股份有限公司



Shenzhen Tiansu Calibration and Testing Co.,Ltd
深圳天溯计量检测股份有限公司

MSDS

深圳市龙岗区宝龙街道锦龙大道2号1栋、4栋



MATERIAL SAFETY DATA SHEET

材料安全数据清单

1. Chemical Product and Company Identification产品及申请公司信息

Sample name: WARRIORS EXTRA HEAVY DUTY BATTERY
样品名称
Sample model: R20P D, R14P C, R6P AA, R03P AAA, 6F22, 4R25
样品型号

Date of received: Dec. 20, 2021
接收日期 2021年12月20日
Date of report: Jan. 01, 2022
报告日期 2022年01月01日



Written by:
编写 Kaaby Nony

Approved by:
批准 JmDong

2. Composition/Information on Ingredients 原料成分信息

Chemical Name 化学名称	Percent of Content 含量百分比	CAS No. CAS 编号
Zinc	25 - 31%	7440-66-6
Manganese dioxide	25 - 35%	1313-13-9
Water	13 - 17%	7732-18-5
Carbon	9 - 12%	7440-44-0
Zinc chloride	3 - 7%	7646-85-7
Polypropylene	2 - 3%	9003-07-0
Iron	1.5%	7439-89-6
Ammonium chloride	1.3%	12125-02-9
Copper	1%	7440-50-8

3. Hazards Identification 危害识别

Important notes : Use under normal conditions, the battery is hermetically sealed.
重要说明：在正常条件下使用，电池是密封的。

Ingestion: Swallowing a battery can be harmful. Contents of an open battery can cause serious chemical burns of mouth, esophagus, and gastrointestinal tract.

Immediately see doctor ;

食入：吞食电池有害。拆开电池的内容物会导致口腔、食道和胃肠道的严重化学灼伤。请立即送医

Inhalation: Contents of an open battery can cause respiratory irritation.

吸入：打开的电池中的物质会引起呼吸道刺激。

Skin Contact: Contents of an open battery can cause skin irritation/ or chemical burns.

皮肤接触：打开的电池内的物质会引起皮肤刺激/或化学灼伤。

Eye Contact: Contents of an open battery can cause severe irritation and chemical burns.

眼睛接触：打开的电池会引起严重的刺激和化学灼伤。

4. Physical / Chemical Characteristics 物理/化学特性

Boiling Point 沸点: N/A

pH 值: N/A

Melting Point 熔点: N/A

Vapor Pressure (mm Hg) 气压: N/A Vapor
Density (AIR = 1) 密度: N/A Evaporation
Rate (Buty1 Acetate) 溶解度: N.A. Solubility in
Water 溶解度: N/A
Appearance and Odor 外观和气味: N/A

5. Control Fire Measures 消防措施

In case of fire, it is permissible to use any class of extinguishing medium on these batteries or their packing material. Cool exterior of batteries if exposed to fire to prevent rupture.

Fire fighters should wear self-contained breathing apparatus.

如果发生火灾，可以在这些电池或其包装材料上使用任何类别的灭火剂。如果电池暴露在火中，请将其冷却以防止破裂。

消防员应佩戴自给式呼吸器。

6. Reactivity Data 稳定性和反应活性

Stability:

Unstable Conditions to Avoid

Hazardous Decomposition or Byproducts

The Alkaline Battery do not meet any of the criteria established in 40 CFR 261.2 of reactivity.

稳定:

要避免的不稳定条件

有害分解或副产品

碱性电池不符合 40 CFR 261.2 中关于反应性的任何标准。

7. First Aid Measures 急救措施

Ingestion: Do not induce vomiting or give food or drink. Seek medical attention immediately. Call National Battery Ingestion Hotline for advice.

食入：不要催吐或给予食物或饮料。立即就医。致电国家电池摄入热线寻求建议。

Inhalation: If potential for exposure to fumes or dusts occurs, remove immediately to fresh air and seek medical attention.

吸入：如果可能接触到烟雾或粉尘，立即转移到空气新鲜处并就医。

Skin Contact: Remove contaminated clothing and wash skin with soap and water. If a chemical burn occurs or if irritation persists, seek medical attention.

皮肤接触：脱去被污染的衣服，用肥皂和水清洗皮肤。如果发生化学灼伤或刺激持续存在，

请就医。

Eye Contact: Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the chemical remains. Seek medical attention.

眼睛接触: 立即用水彻底冲洗眼睛至少 15 分钟, 提起上下眼睑, 直到没有化学物质残留。寻求医疗救助

8. Accidental Release or Spillage 意外泄露

To cleanup leaking batteries:

Ventilation Requirements: Room ventilation may be required in areas where there are open or leaking batteries.

Eye Protection: Wear safety glasses with side shields if handling an open or leaking battery.

Gloves: Use neoprene or natural rubber gloves if handling an open or leaking battery. Battery materials should be collected in a leak-proof container.

清理漏液的电池:

通风要求: 在电池打开或泄漏的区域可能需要室内通风。

眼睛保护: 如果处理打开或泄漏的电池, 请戴上带侧护罩的安全眼镜。

手套: 如果处理打开或泄漏的电池, 请使用氯丁橡胶或天然橡胶手套。电池材料应收集在防漏容器中。

9. Handling and Storage 存储处理

Storage: Store in a cool, well ventilated area. Elevated temperatures can result in shortened battery life.

Mechanical Containment: If potting or sealing the battery in an airtight or watertight container is required, consult your factory representative for precautionary suggestions.

Handling: Accidental short circuit for a few seconds will not seriously affect the battery. Prolonged short circuit will cause the battery to lose energy, and can cause the safety release vent to open. Sources of short circuits include jumbled batteries in bulk containers, metal jewelry, metal covered tables or metal belts used for assembly of batteries into devices.

Charging: This battery is manufactured in a uncharged state.

储存: 储存在阴凉、通风良好的地方。温度升高会导致电池寿命缩短。

机械密封: 如果需要将电池灌封或密封在气密或水密容器中, 请咨询您的工厂代表以获取预防建议。

处理: 意外短路几秒钟不会严重影响电池。长时间短路会导致电池失去能量, 并可能导

致安全释放孔打开。短路源包括散装容器中的混杂电池、金属首饰、金属覆盖的桌子或用于将电池组装成设备的金属带。

10. Exposure Controls / Personal Protection 暴露控制/个人防护

Ventilation Requirements	N/A
通风要求:	
Respiratory Protection	N/A
呼吸系统防护:	
Eyes Protection	N/A
眼睛保护:	
Gloves	N/A under normal conditions
手套:	正常情况下使用

11. Toxicological Information 有害物质信息

Manganese Dioxide: Harmful by inhalation or ingestion. Long term exposure to manganese compounds may reduce fertility in men.

Toxicity data: ORL-RAT LD50 > 3478 mg/kg

Zinc: May be harmful if swallowed or inhaled. May cause gastrointestinal irritant.

二氧化锰: 吸入或摄入有害。长期接触锰化合物可能会降低男性的生育能力。

毒性数据: ORL-RAT LD50 > 3478 mg/kg

锌: 吞咽或吸入可能有害。可能引起胃肠道刺激。

12. Ecological Information 生态信息

Environmental Precautions: This product may be non-hazardous in ordinary use and may be discarded in accordance with applicable governmental regulations and take order with the demands of the environmental protection section.

Environmental Toxicity: On the basis of available information, this material is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

环保注意事项: 本产品在日常使用中可能是无害的, 可以根据适用的政府法规丢弃, 并按照环保部门的要求进行处理。

环境毒性: 根据现有信息, 当遵循推荐的使用说明时, 预计该材料不会对环境产生任何显著的不利影响。

13. Disposal Considerations 废弃处理

Individual consumers may dispose of spent (used) batteries with household trash. This

product does not recommend that spent batteries be accumulated (quantities of five gallons or more should be disposed of in a secure landfill), in accordance with Federal, State or Local Laws and Regulations. Do not incinerate, since batteries may explode at excessive temperature.

个人消费者可以将用过的（用过的）电池与家庭垃圾一起处理。根据联邦、州或地方法律和法规，本产品不建议堆积废电池（数量为 5 加仑或更多的电池应在安全的垃圾填埋场中处理）。请勿焚烧，因为电池在过高温度下可能会爆炸。

14. Transport Information 运输信息

The Batteries in all forms of transportation (e.g. Truck, air, or sea) must be packaged in a safe and responsible manner. Regulatory concerns from all agencies for safe packaging require that batteries be packaged in a manner that prevents short circuits and be contained in (Strong Carton / Packaging) that prevents spillage of contents. Alkaline Battery (sometime referred to as “Dry Cell” are not listed as dangerous goods under the ADR European Agreement Concerning the International Carriage of Dangerous Goods by Road, The IMDG International Maritime Dangerous Goods Code, UN Dangerous Good Regulations, (2021 IATA Dangerous Goods Regulations 63rd Edition), ICAO Technical Instructions and the U.S. hazardous materials regulations (49 CFR). These batteries are not subject to the dangerous goods regulations provided they meet the requirement contained in the following special provisions.

Regulatory Parties	Special Provisions
ADR	Not Regulated
IMDG	inc Amdt 40-20
UN, ICAO	Not Regulated
US DOT	49 CFR 172.102 Provision 130
IATA	A123

All Alkaline Zinc-Manganese Dioxide Dry Batteries are packed in such a way to prevent short circuits or the generation dangerous quantities of heat and meet the special provisions listed above. In addition, The IATA Dangerous Goods Regulations ICAO Technical Instructions require the words “ Not Restricted” and the Special Provision No: A123 be provided on the air waybill, when an air waybill is issued.

所有运输方式（例如卡车、空运或海运）中的电池都必须以安全和负责任的方式进行包装。来自所有安全包装机构的监管要求要求电池以防止短路的方式包装，并包含在（坚固的纸箱/包装）中以防止内容物溢出。碱性电池（有时称为“干电池”未在 ADR 欧洲国际公路

运输危险货物协议、IMDG 国际海运危险货物规则、联合国危险货物条例、(2021 IATA 危险货物) 中列为危险货物 法规第 63 版)、ICAO 技术说明和美国危险材料法规 (49 CFR)。这些电池只要符合以下特殊规定中的要求, 就不受危险品法规的约束。

Regulatory Parties 监管方	Special Provisions 特别规定
ADR	Not Regulated
IMDG	inc Amdt 40-20
UN, ICAO	Not Regulated
US DOT	49 CFR 172.102 Provision 130
IATA	A123

所有碱性锌-二氧化锰干电池的包装方式都可以防止短路或产生危险的热量, 并符合上述特殊规定。此外, 国际航空运输协会危险品条例国际民航组织技术细则要求在签发空运提单时在空运提单上提供“不受限制”字样和特殊规定编号: A123。

15. Regulatory Information 监管信息

Batteries are not classified as dangerous goods by US Department of Transportation or the major international regulatory bodies and are therefore not regulated. SARA/TITLE III – As an article, this battery and its contents are not subject to the requirements of the Emergency Planning and Community Right to Know Act.

电池未被美国交通部或主要国际监管机构归类为危险品, 因此不受监管。SARA/TITLE III - 作为一篇文章, 此电池及其内容不受《应急计划和社区知情权法》的要求约束。

16. Other Information 其他信息

This data is offered in good faith as typical values and not as a product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

这些数据作为典型值真诚地提供, 而不是作为产品规格。本数据表中的信息是根据该化合物组分供应商提供的信息编制的。特此不作任何明示或暗示的保证。推荐的工业卫生和安全处理程序被认为是普遍适用的。但是, 每个用户都应该在预期用途的特定上下文中查看这些建议, 并确定它们是否合适。

STATEMENTS

声 明

1. The test report is invalid without the official stamp of Tiansu.
本报告无检测单位印章无效。
2. This report shall not be copied partly without the written approval of Shenzhen Tiansu Calibration and Testing Co.,Ltd
除非全部复制，否则无深圳天溯计量检测股份有限公司书面批准本报告不得部分复制。
3. The test report is invalid without the signatures of Ratifier, Reviewer and Testing engineer.
本报告无批准人、审核人及鉴定人签名无效。
4. The test report is invalid if altered.
本报告涂改无效。
5. Objections to the test report must be submitted to Tiansu within 15 days.
对检测报告若有异议，应于收到报告之日起十五天内向检测单位提出。
6. The test report is valid for the tested samples only.
本报告仅与送检样品有关。

-- End of report --

-- 报告结束 --