



MATERIAL SAFETY DATA SHEET

COOLTHERM™ BURN DRESSINGS

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Manufacturing Company: Reliance Medical (Shanghai) LTD

1.2 Manufacturing Address: First Floor, Building 66, Lane 118, Suide Road, Putuo District, Shanghai, China.

1.3 EC Rep Company: Reliance Medical Ltd.

1.4 EC Rep Address: West Avenue, Talke, Stoke-On-Trent, Staffordshire, ST7 1TL, United Kingdom.

1.5 Phone Number: 08456 448808

2. HAZARD IDENTIFICATION

2.1 Emergency Overview:

Colourless transparent paste.

Flash Point: >100.0°C (Closed cup).

Easily soluble in water.

May cause an allergic skin reaction.

2.2 CAS# 102-71-6

Classification according to GHS

Sensation, skin (1, 1A, 1B)

2.3 Label Elements



Warning

2.4 Hazard Statement:

H317 May cause an allergic skin reaction.

2.5 Precautionary Statements:

Prevention:

P261 Avoid breathing dust, fumes, gas, mist, vapours and spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection, face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice.

P321 Specific treatment (See additional emergency instructions).

P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

Non.

Disposal:

P501 Contents handling to approved waste treatment plants.

Other Hazards:

Physical and Chemical Hazards: See section 10

Human Health Hazards: See section 11

Environmental Hazards: See section 12

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterisation: Mixture

COMPONENT	CAS NO.	EC#	WEIGHT (%)
Polyacrylic Acid	900-01-4	618-347-7	0.5
Glycerin	56-81-5	200-289-5	20
Tris(Hydroxyethyl)amine	102-71-6	203-049-8	0.2
Water	7732-18-5	231-791-2	79.3

4. FIRST AID MEASURES

Description of first aid measures

4.1 General Information: Normal use does not require special measures, industrial production in the long term, refer to the following:

4.1.1 Eye Contact: Flush eyes with water.

4.1.2 Skin Contact: Wash affected areas with water and soap.

4.1.3 Inhalation: Move exposed person to fresh air.

4.1.4 Ingestion: Do not induce vomiting. Seek medical advice.

Personal protective equipment for first aid responders: No data available.

Most important symptoms/effects, acute and delayed: No data available.

Indication of immediate medical attention and special treatment needed: No data available.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder, CO₂.

5.2 Unsuitable Extinguishing Media: No data available.

5.2.1 Specific hazards arising from the chemical: No data available.

5.3 Specific protective actions for the fire-fighters Wear protective equipment: self-contained respirator and fully protective impervious suit.

6. ACCIDENTAL RELEASE MEASURES

Normal use does not require special measures, industrial production in the long term, refer to the following:

6.1 Personal Precautions: Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

6.2 Protective Equipment: No data available.

6.3 Emergency Procedures: Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, place the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

6.4 Environmental Precautions: Do not allow material to be released to the environment without proper governmental permits.

6.5 Methods and materials for containment and cleaning up: All waste must refer to the United Nations, the national and local regulations for disposal.

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. HANDLING AND STORAGE

Normal use does not require special measures, industrial production in the long term, refer to the following:

7.1.1 Precautions for safe handling: Store in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidising agents.

7.1.2 Information about fire and explosion protection: The product is non-flammable.

7.2 Conditions for safe storage, including any incompatibilities:

7.2.1 Requirements to be met by storerooms and receptacles

Store in a cool place. Keep container closed, store in a dry and ventilated place.

7.2.2 Information about storage in on common storage facility

Moisture absorption.

7.2.3 Further information about storage conditions

Keep container tightly sealed.

7.2.4 Specific and use.

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

CAS No.	ACGIH	NIOSH	OSHA
9003-01-4	N/A	N/A	N/A
58-81-5	N/A	N/A	PEL-TWA 15mg/m ³ PEL-TWA 5mg/m ³
102-71-6	TLV-TWA 5mg/m ³	N/A	N/A
7732-18-5	N/A	N/A	N/A

8.2 Engineering Control:

The usual precautionary measures for handling chemical should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

8.3 Personal Protection Equipment

8.3.1 Respiratory Protection: Wear suitable protective mask in order to reduce the respiratory system. For large amount of leakage, wear chemical protective clothing, including self-contained breathing apparatus.

8.3.2 Hand Protection: Wear appropriate protective gloves to reduce skin contact.

8.3.3 Eye Protection: Wear safety goggles or eye protection combined with respiratory protection.

8.3.4 Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with the skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

9. PHYSICAL CHEMICAL PROPERTIES

Information on basic physical and chemical properties

9.1 Colour: Colourless transparent

9.2 Physical State: Paste

9.3 Odour: Not available

9.4 Odour Threshold: Not available

9.5 pH: N/A

9.6 Melting Point/Freezing Point: Not available

9.7 Initial Boiling Point and Boiling Range: Not available

9.8 Flash Point: >100.0°C (Closed cup)

9.9 Evaporation Rate: Not available

9.10 Flammability (Solid, Gas): Not available

9.11 Explosion Limits (Vol% in air): Not available

9.12 Vapour Pressure, kPa at 20°C: Not available

9.13 Vapour Density: Not available

9.14 Density/Relative Density (Water=1): Not available

9.15 Solubility: Easily soluble in water

9.16 Partition Coefficient: n-octanol/water: Not available

9.17 Auto-Ignition Temperature: Not available

9.18 Decomposition Temperature: Not available

10. STABILITY AND REACTIVITY

10.1 Chemical Stability: Stable

10.2 Possibility of Hazardous Reaction: No data available

10.3 Conditions to Avoid: Incompatible materials.

10.4 Incompatibilities Materials: No data available

10.5 Hazardous decomposition products: Carbon Oxide

11. TOXOLOGICAL INFORMATION

11.1 Acute Toxicity:

CAS No.	LC50/LD50
9003-01-4	No data available
56-81-5	No data available
102-71-6	LD50 Rat (oral): 7269.3 mg/kg
7732-18-5	No data available

11.2.1 Skin Corrosion/Irritation: No data available

11.2.2 Serious Eye Damage/Irritation: No data available

11.2.3 Respiratory or Skin Sensitisation: No data available

11.2.4 Germ Cell Mutagenicity: No data available

11.2.5 Carcinogenicity: No data available

11.2.6 Reproductive Toxicity: No data available

11.2.7 Specific Target Organ Toxicity – Single Exposure: No data available

11.2.8 Specific Target Organ Toxicity – Repeated Exposure: No data available

11.2.9 Aspiration Hazard: No data available

11.2.10 Information on the likely routes of exposure: No data available

11.2.11 Eyes: No data available

11.2.12 Skin: No data available

11.2.13 Ingestion: No data available

11.2.14 Inhalation: No data available

12. ECOLOGICAL INFORMATION

12.1 CAS# 56-81-5

12.1.1 Ecological Toxicity: No data available

12.1.2 Persistence Degradability: No data available

12.1.3 Bio Accumulative Potential: Bioconcentration in aquatic organisms is low. (BCF:3, K_{ow} -1.76)

12.1.4 Mobility in Soil: Expected to have very high mobility in soil (K_{oc} 1)

12.1.5 Other Adverse Effects: no data available.

12.2 CAS# 102-71-6

12.2.1 Ecological Toxicity: ErC50: 169mg/L – Algae (Scenedesmus) -96h

12.2.2 Persistence and degradability: No data available

12.2.3 Bio Accumulative Potential: Bioconcentration in aquatic organisms is low (BCF: <0.4 and < 3.9)

12.2.4 Mobility in Soil: Expected to have a very high mobility in soil (K_{oc} 10)

12.2.5 Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Recommendation: Consult state, local or national regulations to ensure proper disposal.

13.2 Uncleaned Packaging:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

14.1 UN Number:

IATA, IMDG, Model Regulation: N/A

14.2 UN Proper Shipping Name:

IATA, IMDG, Model Regulation: N/A

14.3 Transport Hazard Class(es):

IATA, IMDG, Model Regulation: N/A

14.4 Packing Group:

IATA, IMDG, Model Regulation: N/A

14.5 Packaging Sign:

IATA, IMDG, Model Regulation: N/A

14.6 Environmental Hazards Marine Pollutant: No

14.7 Special Precautions for User: Not applicable

15. REGULATORY INFORMATION

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

CAS No.	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
9003-01-4	Listed	Listed	Listed DSL	Listed
56-81-5	Listed	Listed	Listed DSL	Listed
102-71-6	Listed	Listed	Listed DSL	Listed
7732-18-5	Listed	Listed	Listed DSL	Listed

16. OTHER INFORMATION

16.1 Phrases used:

CAS: Chemical Abstracts Service

EC: European Commission

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: US National Institute for Occupational Safety and Health

OSHA: US Occupational Safety and Health

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

PEL: Permissible Exposure Level

REL: Recommended Exposure Limit

PC-STEL: Permissible Concentration-Time Weighted Average

PC-TWA: Permissible Concentration-Short Time Exposure Limit

LC50: Lethal Concentration, 50 Percent Kill

LD50: Lethal Dose, 50 Percent Kill

IARC: International Agency for Research on Cancer

EC50: Median Effective Concentration

BCF: Bioconcentration Factor

BOD: Biochemical Oxygen Demand

NOEC: No Observed Effect Concentration

NTP: US National Toxicology Program

RTECS: Registry of Toxic Effects of Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

TDG: Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations

TOC: Total Organic Carbon

TSCA: Toxic Substances Control Act of USA

DSL: The Domestic Substances List of Canada

NDSL: The Non-domestic Substances List of Canada

To the best of our knowledge at the date of printing, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.





Material safety data sheet

This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA hazard communication standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

Section 1: Product and company identification

Product name: Cure-Aid® Family

Manufacturer: Pharmaplast

Address: Amria free zone 23512

Alexandria Egypt

Tel: 002034500264

Fax: 002034458566

Issue Date: 13/11/2019

Product use:

Intended use:

Cure-Aid®:

- Intended for the protection of minor acute wounds such as cuts, skin scratches, abrasions, lacerations and after blood drawing or vaccination.

Cure-Aid® Blue Metal & X-ray Detectable plasters and dressing strip:

- Ideal to cover minor wounds, abrasions, superficial wounds and skin cuts in food processing factories, restaurants,...etc.

Cure-Aid® Eye pad:

- Intended for Patients with minor eye injuries, foreign objects embedded in their eyes and with lazy eye disorder. Besides, the pad can be used after eye trauma e.g. corneal abrasion and may provide initial protection from possible risk of infection.

Section 2: ingredients
1. Cure-Aid® dressing strip PU film:

Ingredient	C.A.S No	% by weight
PU Film	Unknown	5-15%
Supported PE paper	Unknown	20-35%
Non adherent wound layer	Unknown	20-35%
Acrylic adhesive	Unknown	5-15%
Release liner	Unknown	10-20%

2. Cure-Aid® PE Plaster:

Ingredient	C.A.S No	% by weight
PE film	Unknown	40-60%
Wound pad material	Unknown	5-10%
adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%
Cold seal wrapper	Unknown	10-25%

3. Cure-Aid® (dressing strip side way elastic fabric):

Ingredient	C.A.S No	% by weight
Side way elastic fabric	Unknown	40-60%
Wound pad material	Unknown	20-35%
Hotmelt adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%

4. Cure-Aid® dressing strip rigid Skin color fabric:

Ingredient	C.A.S No	% by weight
Cotton fabric	Unknown	40-60%
Wound pad material	Unknown	20-35%
Rubber based adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%

5. Cure-Aid® (Pu embossed detectable plaster):

Ingredient	C.A.S No	% by weight
PE film	Unknown	40-60%
Wound pad material	Unknown	5-10%
Adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%
Cold seal wrapper	Unknown	10-25%



6. Cure-Aid® (Pu embossed X ray detectable plaster):

Ingredient	C.A.S No	% by weight
PE film	Unknown	40-60%
Wound pad material	Unknown	5-10%
adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%
Cold seal wrapper	Unknown	10-25%

7. Cure-Aid® Blue Metal detectable plasters (blue PE plaster with metal detectable pad)

Ingredient	C.A.S No	% by weight
PE film	Unknown	40-60%
Aluminuim pad material	Unknown	5-10%
Hotmelt adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%
Cold seal wrapper	Unknown	10-25%

8. Cure-Aid® (sensitive plaster):

Ingredient	C.A.S No	% by weight
PET nonwoven	Unknown	40-60%
Wound pad material	Unknown	5-10%
Hotmelt adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%
Cold seal wrapper	Unknown	10-25%

9. Cure-Aid® (rigid Skin color fabric plaster):

Ingredient	C.A.S No	% by weight
Cotton fabric	Unknown	40-60%
Wound pad material	Unknown	5 -15%
Hotmelt adhesive	Unknown	20-50%
Silicon paper	Unknown	5 -15%
Cold seal wrappers	Unknown	10- 25%

10. Cure-Aid® (Pu plaster):

Ingredient	C.A.S No	% by weight
PU Film	Unknown	5-15%
Supported PE paper	Unknown	20-35%
Non adherent wound layer	Unknown	20-35%
Acrylic adhesive	Unknown	5-15%



Release liner	Unknown	10-20%
Wrapping paper	Unknown	25-35%

11. Cure-Aid® Blue Metal detectable plasters (blue side way elastic plaster with metal detectable pad)

Ingredient	C.A.S No	% by weight
Side way elastic fabric	Unknown	40-60%
Wound pad material	Unknown	5-10%
Hotmelt adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%
Cold seal wrapper	Unknown	10-25%

12. Cure-Aid® dressing strip (PE plaster):

Ingredient	C.A.S No	% by weight
Cotton fabric	Unknown	40-60%
Wound pad material	Unknown	5-10%
Rubber based adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%

13. Cure-Aid® side way elastic fabric dressing strip:

Ingredient	C.A.S No	% by weight
Side way elastic fabric	Unknown	40-60%
Wound pad material	Unknown	20-35%
Hotmelt adhesive	Unknown	20-50%
Silicon paper	Unknown	5-15%

Section 3: Hazards identification

3.1 Emergency:

Color: Skin color (brown) or / transparent or / colored or / printed for children

Odor: No characteristic odor

General physical form: Solid

Immediate health, physical and environmental hazards: this product, when used under reasonable condition and in accordance with Pharmaplast directions for use, should not present a health hazard, however, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present a potential health and safety hazards.

3.2 Potential health effects.

Eye contact: No health effects are expected



Skin contact: No health effects are expected

Inhalation: No health effects are expected

Ingestion: Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation

Section 4: First aid measures

4.1 First aid procedures:

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye contact: No need for first aid is anticipated.

Skin contact: No need for first aid is anticipated

Inhalation: No need for first aid is anticipated.

IF Swallowed : do not induce vomiting ,give victim two glasses of water never give anything by mouth to an unconscious person, get immediate medical attention.

Section 5: Fire fighting measures

5.1 Flammable properties:

Autoignition temperature N/A

Flash point N/A

Flammable limits-LEL N/A

Flammable limits-UEL N/A

5.2 Extinguishing media:

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (water, foam..) , use fire extinguishers with class B extinguishing agents (dry chemical, carbon dioxide..)

5.3 protections of fire fighters:

Special fire fighting procedures: wear full protective equipments (bunker gear) and a self –contained breathing apparatus (SCBA).

Unusual fire and explosion hazards: N/A

Section 6: Accidental release measures

Accidental release measures: N/A

Section 7: Handling and storage

7.1

Handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2 Storage

Store in cool, dry, at temperature limited from (0-40 C), well-ventilated area away from strong oxidising agents

Section 8: Exposure controls/personal protection**8.1 Engineering controls**

N/A

8.2 Personal protective equipments**8.2.1 Eye/face protection**

N/A

8.2.2 Skin protection

N/A

8.2.3 Respiratory protection

N/A

8.2.4 Prevention of swallowing

N/A

Section 9: Physical and Chemical properties**3.1.1. Dressing strip PU film:**

Colour: transparent adhesive film with white back support.

Odor: No characteristic odor

General physical form: Solid

3.1.2. Cure-Aid® PE Film:

Color: Skin color (brown) or / transparent or / colored or / printed for children

Odor: No characteristic odor

General physical form: Solid

3.1.3. Cure-Aid® PE:



Colour: Beige color

Odor: No characteristic odor

General physical form: Solid

3.1.4. Cure-Aid® rigid Skin color fabric:

Color: Skin color

Odor: slight rubbery odor

General physical form: Solid

3.1.5. Cure-Aid® (Pu embossed detectable plaster):

Color: blue

Odor: No characteristic odor

General physical form: Solid

3.1.6. Cure-Aid® (Pu embossed X-ray detectable plaster):

Color: blue

Odor: No characteristic odor

General physical form: Solid

3.1.7. Cure-Aid® Blue Metal detectable plasters (blue PE plaster with metal detectable pad):

Color: blue colored

Odor: No characteristic odor

General physical form: Solid

3.1.8. Cure-Aid® (sensitive plaster):

Color: white

Odor: No characteristic odor

General physical form: Solid

3.1.9. Cure-Aid® (rigid Skin color fabric):

Color: Skin color

Odor: slight rubbery odor

General physical form: Solid

3.1.10. Cure-Aid® (Pu plaster):

Color: transparent adhesive film with white back support

Odor: No characteristic odor

General physical form: Solid



3.1.11. Cure-Aid® Blue Metal detectable plasters (blue side way elastic plaster with metal detectable pad)

Color: blue colored

Odor: No characteristic odor

General physical form: Solid

3.1.12. Cure-Aid® dressing strip (PE plaster):

Color: Skin color (brown) or / transparent or / colored or / printed for children

Odor: No characteristic odor

General physical form: Solid

3.1.13. Cure-Aid® side way elastic fabric dressing strip:

Colour: Beige color

Odor: No characteristic odor

General physical form: Solid

General physical form: Solid

Autoignition Temp: N/A

Flash point: N/A

Flammable limits-LEL: N/A

Flammable Limits- UEL: N/A

Boiling Point: N/A

Density/A

Vapor Density: N/A

Specific gravity: N/A

PH: N/A

Melting point: No data available

Solubility in water: Negligible

Evaporation rate: N/A

Volatile organic compounds: N/A

Percent volatile: N/A

VOC less H2O &exempt solvents: N/A

Viscosity: N/A

Section 10: Stability and reactivity

Stability: Stable

Materials and conditions to avoid: Naked flames and ignition sources



Hazardous polymerization: Will Not occur

Hazardous decomposition: Carbon monoxide, carbon dioxide

Section 11: Toxicological information

For information contact pharmaplast

Section 12 : Ecological information

Ecotoxicological information: N/A

Chemical Fate information: N/A

Section 13: Disposal considerations

Waste disposal method:

Dispose of along with household waste. As a disposal alternative, incinerate in an industrial or commercial facility.

Section14: Transport information

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

U.S. DOT Hazard Class:

Not regulated as hazardous

UN Number:

Not regulated as hazardous

Section 15: Regulatory information

International regulations: Contact Pharmaplast for more information

Not applicable



Section 16: Other information

No

special transport requirements.

Disclaimer: the information in this material safety data sheet is believed to be correct as of the date issued ,Pharmaplast makes no warranties ,expressed or implied ,including but not limited to any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade, User is responsible for determining whether the pharmaplast product is fit for a particular purpose and suitable for user's method of use ,given the Varity of factors that can affect the use and application of a pharmaplast product some of which are uniquely within the user's knowledge and control ,it's essential that the user evaluate the Pharmaplast product to determine whether it is fit for a particular purpose.





Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH), and 1272/2008/EC (CLP)

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

1.1. Identification of the substance or preparation

Product name: **Saline Eye Wash**

Product codes: 2990 3990 5996 915 X1147 X1148 X1149 X2883 X2884 X2885 X2992 X2995 3330 3430 381
5010 5015 5022 900 901 903 904 905 906 919 LP900 LP901 X2159 X2380 X3170 X3179
X3310 X3311 X3315 X3317 X6060 X6370 X6371 X6372 X9406 X9690

1.2. Use of substance/ preparation

Washing liquid

1.3. Details of the supplier of the SDS

Supplier

Reliance Medical Ltd.
West Avenue,
Talke, Stoke-on-Trent,
Staffordshire ST7 1TL
T: +44 8456 448808
E: sales@reliancemedical.co.uk

1.4. Emergency telephone

National Poisons Information Service (UK) 0844 8920111 (Health Professionals only)
National Health Service (UK) 111

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Globally Harmonised System GHS not classified as hazardous
1272/2008/EC (CLP) not classified as hazardous

2.2. Label elements

This product is not classified as hazardous and does not have classification according Regulation (EC) No 1272/2008

Hazard pictograms: not regulated
Signal word: not regulated
Hazard statements: not regulated
Precautionary statements: not regulated

2.3. Other hazards

Not applicable.

SECTION 3. COMOSITION/ INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable.



3.2. Composition

There is no ingredient present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General information	No special measures required.
Eye contact	No special measures required.
Skin contact	If irritation occurs, discontinue use and wash affected area with soap and water.
Ingestion	Rinse out mouth with water. Do not induce vomiting. Seek medical help immediately.
Inhalation	Supply fresh air.

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

No further information available.

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

No further information available.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Use extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media None

5.2. Special hazards arising from the substance or mixture

No further information available.

5.3. Advice for firefighter

Protective actions during firefighting No special measures required

Additional information No further relevant information available

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

Ensure adequate ventilation.

6.2. Environmental precautions

Dilute with plenty of water.

6.3. Methods and material for containment and cleaning up

No special methods required.

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. Precautions for safe handling

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container. No special requirements.

7.3. Specific end use(s)

No specific uses identified.

SECTION 8. EXPOSURE CONTROL

8.1. Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2. Exposure controls

General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverage, and feed. Wash hands before the breaks and at the end of work.

Personal protective equipment:

Respiratory protection: Not required under normal conditions of use.

Protection of hands: Not required under normal conditions of use.

Eye protection: Not required.

Body protection: Not required under normal conditions of use.

SECTION 9. PRYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General Information:

Appearance:

Form: Liquid

Colour: Clear

Odour: Odourless

Odour threshold: Not determined.

pH-value at 20 °C: 6,6 - 7,4

Change in condition

Melting point/ Melting range: Not Determined.

Boiling point/Boiling range: 100 °C (212 °F).

Flash point: Not applicable.

Flammability (solid, gaseous): Not applicable.



Auto/Self-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure at 20 °C (68 °F):	23 hPa (17 mm Hg).
Density at 20 °C (68 °F):	1.01 g/cm ³ .
Relative density	Not determined.
Vapour density	Not determined
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.

9.2. Other information

No further data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition

No dangerous decomposition products known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects



The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute toxicity Not applicable.

12.2. Persistence and degradability

The product is expected to be biodegradable.

12.3. Bio accumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

Not known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Smaller quantities can be disposed of with household waste.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

DOT, ADR, ADN, IMDG, IATA Not regulated.

14.2. UN proper shipping name

DOT, ADR, ADN, IMDG, IATA Not regulated.

14.3. Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA Not regulated.

14.4. Packing group

DOT, ADR, ADN, IMDG, IATA Not regulated.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No



14.6. Special precautions for user

Not applicable

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

Not applicable

SECTION 15. REGULATORY INFORMATION

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
DOT:	US Department of Transportation
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
ACGIH:	American Conference of Governmental Industrial Hygienists
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
NFPA:	National Fire Protection Association (USA)
HMIS:	Hazardous Materials Identification System (USA)
WHMIS:	Workplace Hazardous Materials Information System (Canada)
DNEL:	Derived No-Effect Level (REACH)
PNEC:	Predicted No-Effect Concentration (REACH)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent

Document Title:

Safety Data Sheet

Product:

Saline Eye Wash

Revision:

V1 (05.20)

Date:

22/05/2020



Key literature references and sources for data

Approved Supply List Dangerous Substances Directive Dangerous Preparations Directive

Revision comments SDS created in line with REGULATION (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as amended).

Revision date N/A

Revision V1

Supersedes date 22/05/2020

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