



MATERIAL SAFETY DATA SHEET

BURNSOOTHE BURN GEL DRESSINGS

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Manufacturer Company:** Reliance Medical Shanghai LTD
- 1.2 Manufacturer Address:** First Floor, Building 66, Lane 118, Suide Road, Putuo District, Shanghai, China.
- 1.3 EC Company:** Reliance Medical LTD
- 1.4 EC Address:** West Ave, Talke, Stoke-On-Trent, Staffordshire, ST7 1TL, United Kingdom.
- 1.5 EC Phone Number:** 08456 448808
- 1.6 Supplier Name:** Longbow First Aid Products Manufactory
- 1.7 Supplier Address:** 2/F, Hantian Industrial Park, Area C, Guiping RD, Guicheng Subdistrict, Foshan, Guangdong, China.
- 1.8 Supplier Phone Number:** 0757-81019258
- 1.9 Supplier E-mail:** sales@firstaidlongs.com

2. HAZARD IDENTIFICATION

- 2.1 Classification according to GHS:** Sensitisation, skin (1, 1A, 1B).
- 2.2 Hazard statements:** May cause an allergic reaction.
- 2.3 Prevention:** Avoid breathing mist, vapours, spray, gas, dust, fume. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, face protection.
- 2.4 Response:** If on skin, wash with plenty of water. If skin irritation or a rash occurs, get medical advice. Call a poison centre if you feel unwell. Take off contaminated clothing and wash it before reuse. Specific treatment (see additional emergency instructions).
- 2.5 Emergency Overview:** Colourless transparent paste. Flash Point: >100.0°C (closed cup). Easily soluble in water. May cause an allergic skin reaction.
- 2.6 Disposal:** Contents handling to approved waste treatment plants.
- 2.7 Hazard Pictogram:**



Warning

3. INFORMATION ON INGREDIENTS

Chemical Characterisation: Mixture

| Component | CAS No. | EC#. | Weight (%) |
|-------------------------|----------------|-------------|-------------------|
| Polyacrylic Acid | 9003-01-4 | 618-347-7 | 0.5 |
| Glycerin | 56-81-5 | 200-289-5 | 20, |
| Tris(Hydroxyethyl)amine | 102-71-6 | 203-049-8 | 0.2 |
| Purified Water | 7732-18-5 | 231-791-2 | 79.3 |

4. FIRST AID MEASURES

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

4.1 Skin Exposure: After skin contact, wash with water and soap.

4.2 Eye Exposure: After eye contact, flush eyes with water.

4.3 Inhalation Exposure: After inhalation, remove victim to fresh area.

4.4 Oral Exposure: After swallowing, do not induce vomiting. Get medical attention.

4.5 PPE for First Aid responders: No data available.

4.6 Symptoms/effects, acute and delayed: No data available.

4.7 Indication of immediate medical attention: 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 or CO₂.

5.2 Unsuitable extinguishing media: No data available.

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

5.4 Specific protective actions for fire fighters: Protective equipment. Wear self-contained respirator. Wear fully protective impervious suit.

6. ACCIDENTAL RELEASE MEASURES

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

6.1 Procedure of Personal Precaution: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

6.2 Protective equipment: No data available.

6.3 Emergency procedures: Remove ignition sources and evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible and 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 for containment and cleaning up: All waste must refer to the United Nations, the national and local regulations for disposal.

7. HANDLING AND STORAGE

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

7.1 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.

7.2 Fire and explosion protection: The product is non-flammable.

7.3 Storage: Store in a cool place. Keep container closed. Store in a dry and ventilated place. Keep container tightly sealed.

8. EXPOSURE CONTROL/PPE

8.1 Engineering Controls: The usual precautionary measures for handling chemicals 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.

8.2 Personal Protective Equipment:

8.2.1 Respiratory: Wear suitable protective mask in order to reduce the respiratory system. With a large leakage, wear chemical protective clothing, including self-contained breathing apparatus.

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

8.2.3 Clothing: Wear suitable protective clothing to minimise contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

8.2.4 Hand: Wear appropriate protective gloves to reduce skin contact.

9. PHYSICAL CHEMICAL PROPERTIES

9.1 Colour: Colourless transparent.

9.2 Physical State: Paste.

9.4 pH: N/A.

9.5 Flash Point: >100°C (Closed cup).

9.6 Solubility: Easily soluble in water.

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.

9003-01-4

56-81-5

102-71-6

LC50/LD50

No data available.

No data available.

LD50 Rat (oral): 7269.3mg/kg

7732-18-5

No data available.

- 11.2 Skin corrosion/irritation: No data available.
- 11.3 Serious eye damage/irritation: No data available.
- 11.4 Respiratory or skin sensitisation: No data available.
- 11.5 Germ Cell mutagenicity: No data available.
- 11.6 Carcinogenicity: No data available.
- 11.7 Reproductive toxicity: No data available.
- 11.8 Specific target organ toxicity - Single exposure: No data available.
- 11.9 Specific target organ toxicity - Repeated exposure: No data available.
- 11.10 Aspiration hazard: No data available.
- 11.11 Information on the likely routes of exposure: No data available.
- 11.12 Eye, Skin, Ingestion and 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 and degradability: No data available.
- 12.1.3 Bioaccumulative Potential: Bioconcentration in aquatic organisms is low.
- 12.1.4 Mobility in Soil: Expected to have very high mobility in soil.
- 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 Bioaccumulative Potential: Bioconcentration in aquatic organisms is low.
- 12.2.4 Mobility in Soil: Expected to have very high mobility in soil.
- 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

Not applicable.

15. REGULATORY INFORMATION

| CAS No. | TSCA | IECSA | 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

For further information, please contact Reliance Medical LTD.

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