

MSDS Report

Sample Description

BURN GEL DRESSING

No.: MLI9AERU97180716
Code: o30g603m

Material Safety Data Sheet

Reference to ST/SG/AC.10/30/Rev.6 (GHS)

Section 1 - Chemical Product and Company Identification

Chemical product identification

Sample Description: BURN GEL DRESSING

Sample Model: /

Recommended Uses: FIRST AID

Restrictions on use: N/A

Section 2 - Hazards Identification

Emergency overview: Colorless transparent paste. Flash Point: >100.0°C (Closed cup).
Easily soluble in water. May cause an allergic skin reaction.

CAS# 102-71-6

Classification according to GHS

Sensitisation, skin (1, 1A, 1B)

Label elements

Hazard pictogram(s):



Signal word:

Warning

Hazard statement(s):

H317 May cause an allergic skin reaction

Precautionary statement(s):

Prevention:

P261 Avoid breathing dust, fume, gas, mist, vapours, 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 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

None.

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

Section 3 – Composition/Information on Ingredients

Chemical characterization: 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
Water	7732-18-5	231-791-2	79.3

Section 4 - First Aid Measures

Description of first aid measures

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

After eye contact

Flush eyes with water.

After skin contact

Wash with water and soap.

After inhalation

Remove victim to fresh area.

After swallowing

Do not induce vomiting. Get medical attention.

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.

Section 5 - Fire Fighting Measures

Suitable extinguishing media:

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

Unsuitable extinguishing media: No data available.

Specific Hazards arising from the chemical: No data available.

Specific protective actions for fire-fighters:

Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

Section 6 - Accidental Release Measures

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

Personal precautions:

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

Protective equipment:

No data available.

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, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

Environmental precautions:

Do not allow material to be released to the environment without proper governmental permits.

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.

Section 7 - Handling and Storage

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

Precautions for safe handling:

Storage 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 oxidizing agents.

Information about fire and explosion protection

The product is non-flammable.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles

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

Information about storage in one common storage facility

Moisture absorption.

Further information about storage conditions

Keep container tightly sealed.

Specific and use

No data available.

Section 8 - Exposure Controls/Personal Protection

Control parameters

CAS No.	ACGIH	NIOSH	OSHA
9003-01-4	N/A	N/A	N/A
56-81-5	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

Engineering control :

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.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakage, wear chemical protective clothing, including self-contained breathing apparatus.

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

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

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

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Colour:	Colorless transparent.
Physical State:	Paste.
Odour:	Not available.
Odour threshold:	Not available.
pH:	N/A.
Melting point/freezing point:	Not available.
Initial boiling point and boiling range:	Not available.
Flash Point:	>100.0°C (Closed cup).
Evaporation rate:	Not available.
Flammability (solid, gas):	Not available.
Explosion Limits (vol% in air):	Not available.
Vapour pressure, kPa at 20°C:	Not available.
Vapor density:	Not available.
Density/Relative density (water = 1):	Not available.
Solubility(ies):	Easily soluble in water.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.

Viscosity: Not available.

Section 10 - Stability and Reactivity

Chemical Stability: Stable.

Possibility of hazardous reaction: No data available.

Conditions to Avoid: Incompatible materials.

Incompatibilities Materials: No data available.

Hazardous Decomposition Products: Carbon oxide.

Section 11 - Toxicological Information

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.

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or Skin sensitization: No data available.

Germ Cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity-Single exposure: No data available.

Specific target organ toxicity-Repeated exposure: No data available.

Aspiration hazard: No data available.

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

Eye: No data available.

Skin: No data available.

Ingestion: No data available.

Inhalation: No data available.

Section 12 - Ecological Information

CAS# 56-81-5

Ecological Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative Potential: Bioconcentration in aquatic organisms is low. (BCF:3, K_{ow} :1.76)

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

Other adverse effects: No data available.

CAS# 102-71-6

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

Persistence and degradability: No data available.

Bioaccumulative Potential: Bioconcentration in aquatic organisms is low.(BCF: <0.4 and <3.9)

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

Other adverse effects: No data available.

Section 13 - Disposal Considerations

Waste treatment methods

Recommendation:

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

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Section 14 - Transport Information

UN Number	
IATA, IMDG, Model Regulation	N/A
UN Proper shipping name	
IATA, IMDG, Model Regulation	N/A
Transport hazard class(es)	
IATA, IMDG, Model Regulation	N/A
Packing group	
IATA, IMDG, Model Regulation	N/A
Packaging Sign	
IATA, IMDG, Model Regulation	N/A

Environmental hazards	
Marine pollutant:	No
Special precautions for user	Not applicable.

Section 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

Section 16 - Other Information

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Notice to reader

To the best of our knowledge, 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 completeness 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.

Other Information:

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);
RTFCS: (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)

End of report