

MATERIAL SAFETY DATA SHEET

PRODUCT

OT-75

Revision date : 2023/11/29

Version: 4.0

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Sodium bis(2-ethylhexyl) sulfosuccinate

Molecular formula: $\text{H}[\text{OCH}(\text{CH}_3)\text{CH}_2]_n\text{OH}$

Manufacturer: Gree Industry Co.,Ltd

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2. HAZARDS IDENTIFICATION

OSHA Hazards: No known OSHA hazards

GHS Classification:

Not a hazardous substance according to GHS.

GHS LABEL Elements,including precautionary statements:

Hazard statements:

None

Precautionary statements:

None

Human health hazards:

The steam pressure of the product is low,so there is no inhalation hazards.

Combustion hazards: nonflammable, non irritating

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	% (w/w)
Sodium bis(2-ethylhexyl) sulfosuccinate	25322-69-4	75
Propylene glycol	57-55-6	10
Water	7732-18-5	15

4. FIRST AID MEASURES

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

Skin Contact:

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In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

5. FIRE FIGHTING MEASURES

FLASH POINT : >200 °C

EXTINGUISHING MEDIA

Foam Carbon dioxide Dry powder Other extinguishing agent suitable for Class B fires For large fires, use water spray or fog, thoroughly drenching the burning material. Water mist may be used to cool closed containers.

UNSUITABLE EXTINGUISHING MEDIA

Do not use water unless flooding amounts are available.

FIRE AND EXPLOSION HAZARD

Low Fire Hazard; liquids may burn upon heating to temperatures at or above the flash point. Empty product containers may contain product residue. Do not pressurize, cut, heat, weld, or expose containers to flame or other sources of ignition. May evolve oxides of carbon (COx) under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES**Small Spill:**

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Large Spill:

Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth,sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids, vapors, liquid); observe all warnings and precautions listed for the product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**OCCUPATIONAL EXPOSURE LIMITS**

This product does not contain any substance that has an established exposure limit.

ENGINEERING MEASURES

General ventilation is recommended.

PERSONAL PROTECTION**GENERAL ADVICE**

The use and choice of personal protection equipment is related to the hazard of the product, the workplace and the way the product is handled. In general, we recommend as a minimum precaution that safety glasses with side-shields and workclothes protecting arms, legs and body be used. In addition any person visiting an area where this product is handled should at least wear safety glasses with side-shields.

RESPIRATORY PROTECTION

At ambient temperature none needed for vapour. If product is heated or if aerosol generation is likely, the use of a half face filter mask is recommended. An organic vapor cartridge with dust/mist prefilter may be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

HAND PROTECTION

Nitrile gloves, Butyl gloves, Neoprene gloves, PVC gloves

SKIN PROTECTION

See general advice.

EYE PROTECTION

Wear chemical splash goggles.

HYGIENE RECOMMENDATIONS

Use good work and personal hygiene practices to avoid exposure. Consider the provision in the work area of a safety shower and eyewash. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid

PH : 5.0~7.0

Freezing point: N.D

Boiling point: N.D

Flash point: >200 °C

Solubility: Soluble in water, Soluble in alcohol and Other solvent.

VOC CONTENT: 0 %

Note: These physical properties are typical values for this product and are subject to change.

10. STABILITY AND REACTIVITY**STABILITY**

Stable under normal conditions.

HAZARDOUS POLYMERIZATION

Hazardous polymerization will not occur.

CONDITIONS TO AVOID

Avoid extremes of temperature.

MATERIALS TO AVOID

Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.

HAZARDOUS DECOMPOSITION PRODUCTS

Under fire conditions: Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Aquatic organism: slightly

Irritant: slightly

Sensitization: slightly

Mutagenicity: no

Teratogenicity: no

CARCINOGENICITY :

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION :

Based on our hazard characterization, the potential human hazard is: Low

12. ECOLOGICAL INFORMATION**PERSISTENCY AND DEGRADATION**

Biological Oxygen Demand (BOD): NO

ENVIRONMENTAL HAZARD CHARACTERIZATION

Based on our hazard characterization, the potential environmental hazard is: no

13. DISPOSAL CONSIDERATIONS

Dispose of wastes in an approved incinerator or waste treatment/disposal site, in accordance with all applicable regulations. Do not dispose of wastes in local sewer or with normal garbage.

Empty drums should be taken for recycling, recovery, or disposal through a suitably qualified or licensed contractor.

Comply with local regulations.

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14. TRANSPORT INFORMATION

Classification: This product is not classified as hazardous

package demand: no special demand

package: 1000kg/drum (Net weight).

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation.

15. REGULATORY INFORMATION

Security laws and rules: applicable

Law of environmental protection: applicable

16. OTHER INFORMATION

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

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