



# Material Safety Data Sheet

BEHDASH CHEMICAL COMPANY

Name:

Code:

## 1- Identification

**Behdapon N70-Sodium Lauryl Ether Sulphate**

### Recommended use of the chemical and restriction on use

Recommended use\*: surfactants

### Details of the supplier of the safety data sheet Company:

BEHDASH CHEMICAL CO.

Address: No. 49, VardAvard Blvd, Makhous Rd, Tehran, Iran

P. O. Box: 1398163171

Tel Number: (+98 21)47696

Fax Number: (+98 21)44993211

www.BehdashCo.com

## 2- Hazards Identification

**Emergency overview:** Moderately irritating to the eyes. Moderate skin irritation. May cause irritation of respiratory tract.

### Potential health effects

**Eyes:** Moderately irritating to the eyes.

**Skin:** Moderate skin irritation

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## 4- Composition / Information on Ingredients

Chemical and Common Name	CAS Registry Number	Wt. %
Alkyl ether sulfate, sodium salt	68585-34-2	68 - 72
Alcohols ethoxylated	68002-97-1	< 2

## 5- First-Aid Measures

### First aid procedures

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. **Skin contact:** For skin contact flush with large amounts of water. Get medical attention if irritation develops or persists. Immediately take off all contaminated clothing. Wash clothing separately before reuse.

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Code:

Rev:



# Material Safety Data Sheet

BEHDASH CHEMICAL COMPANY

Name:

Code:

**Ingestion:** If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

## 6- Fire-Fighting Measure

### Extinguishing media

**Suitable extinguishing media :** Water fog.Foam.Dry chemical powder.Carbon dioxide (CO2).

### Protection of firefighters

**Protective equipment and precautions for firefighters :** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 7- Accidental release measures

**Personal precautions:** Isolate area. Keep unnecessary personnel away.Stay upwind.Keep out of low reas.Ventilate closed spaces before entering.

**Environmental precautions :** Prevent further leakage or spillage if safe to do so.

**Methods for containment :** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up:** Wear appropriate protective equipment and clothing during clean-up.

**Small Spills:** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**Large Spills:** Dike far ahead of liquid spill for later disposal.

## 8- Handling and Storage

**Handling:** Avoid contact with skin and eyes.Wash hands thoroughly after handling.

**Storage:** Store in cool place.Keep in a well-ventilated place.

## 9- Exposure Controls/Personal Protection

**Engineering controls:** Use general ventilation.Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

### Personal protective equipment

**General:** Eye wash fountain and emergency showers are recommended.

**Eye / face protection:** Wear chemical goggles.Face-shield.

**Skin protection:** Wear suitable protective clothing.Use impervious gloves.

**Respiratory protection** If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

## 10- Physical and Chemical Properties

**Appearance:** Paste.

**Color:** White.orPale yellow

**Physical state:** Liquid.

**Form Paste:** pH 7 - 9 (1% in H2O)

**Boiling point:** 212 °F (100 °C)

**Flash point:** > 201 °F (> 93.9 °C) PMCC

Code:

Rev:



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**Evaporation rate:** Estimated slower than ethyl ether.

**Flammability limits in air, upper, % by volume:** NOT APPLICABLE.

**Vapor pressure:** Not Determined or Unknown

**Vapor density:** Estimated lighter than air.

## 11- Stability and Reactivity

**Chemical stability** Stable at normal conditions.

**Conditions to avoid** This product may react with oxidizing agents.

**Incompatible materials** Strong oxidizing agents, Strong acids

**Hazardous decomposition products** Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.

## 12- Toxicological information

### Toxicological data

Acute Oral LD50 Rat: 5000 - 15000 mg/kg

\* Estimates for product may be based on additional component data not shown.

## 13- Ecological Information

**Ecotoxicological data** LC50 Fish: 1 - 10 mg/l

\* Estimates for product may be based on additional component data not shown.

**Ecotoxicity** Readily biodegradable.

## 14- Disposal considerations

**Disposal instructions** Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

## 15- Transport Information

**Notes** Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

## 16- Regulatory Information

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration**

\_1,4-Dioxane (123-91-1) 0.1 %

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

\_1,4-Dioxane (123-91-1) Listed.

**CERCLA (Superfund) reportable quantity**

None

## 17- Other Information

Code:

Rev:



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**Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 2  
Flammability: 1  
Physical hazard: 0  
Personal protection: X

**NFPA ratings**

Health: 2  
Flammability: 1  
Instability: 0  
Special hazards: -

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Flammability: 1  
Instability: 0  
Special hazards: -

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