

## 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b> DECYL GLUCOSIDE	<b>Supplier:</b> ASES CHEMICAL WORKS.
<b>Synonyms:</b> D-Glucose decyl octyl ether, oligomeric; Capryl/Caprylyl Glycoside	<b>Address:</b> Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
<b>INCI Name:</b> Decyl D-Glucoside	<b>Phone:</b> +91-9636889954
<b>CAS Number:</b> 68515-73-1	<b>Web:</b> www.ases.in
<b>Formula:</b> C <sub>18</sub> H <sub>32</sub> O <sub>6</sub>	<b>Email :</b> ecom@ases.in
<b>Product Form:</b> Liquid	
<b>Product Use:</b> Not for food or drug use, For industry use only. Surfactants	

## 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture:

<b>Physical Hazards</b>	not classified	
<b>Health Hazards</b>	not classified	Eye damage (Category 1), H318
<b>Environmental Hazards</b>	not classified	

### Label elements :

**Regulatory List** EC1272/08 Regulation (EC) 1272/2008 (GHS/CLP)

**Symbol** GHS05 corrosion **Pictogram**

**Signal Word** Danger



**Hazard Statement** H318 Causes serious eye damage.

### Precautionary Statement

**P280** Wear protective gloves/protective clothing/eye protection/face protection.

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Remove contact lenses, if possible.

**P310** Immediately call a POISON CENTER or doctor/physician.

**Other hazards** Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Formula	Concentration
Decyl glucoside	68515-73-1	None	C <sub>18</sub> H <sub>32</sub> O <sub>6</sub>	<50%

## 4 FIRST AID MEASURES

**First Aid: Eye** Immediately flush eyes with plenty of water for 10 to 15 minutes. Consult an ophthalmologist.

**First Aid: Skin** Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

**First Aid: Ingestion** Wash out mouth with water provided person is conscious. Call a physician

**First Aid: Inhalation** Remove to fresh air. If breathing is irregular, administer artificial respiration. Call a physician.

**Hints for Physician:** Treat symptomatically

## 5 FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture :** Toxic fumes.

**Advice for firefighters :** Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions :** Do not breathe vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert.

**Environmental precautions :** Do not let product enter drains.

**Methods for cleaning up :** Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

# MATERIAL SAFETY DATA SHEET

DECYL GLUCOSIDE

## 7 HANDLING & STORAGE

**Precautions:** Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

**Storage:** Keep container tightly closed in an upright position to prevent leakage. Keep away from incompatible substances. Store in a cool, dry, well-ventilated area away from incompatible substances.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ingredients with workplace control parameters.

**Industrial Hygiene:** Mechanical exhaust required. Safety shower and eye shower.

**Hand protection :** Wear compatible chemical-resistant gloves to prevent skin exposure.

**Eye protection :** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.

**Skin and body protection :** Wear compatible chemical-resistant gloves and clothing to prevent skin exposure

**Respiratory protection :** Wear NIOSH/MSHA or European Standard EN 149 approved respirator.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state :</b>	liquid	<b>Freezing point :</b>	No data available
<b>Color :</b>	Yellow	<b>Boiling point :</b>	>100 °C
<b>Odor :</b>	Almost odorless.	<b>Flash point :</b>	>101°C Aqueous preparation
<b>Odor threshold :</b>	No data available	<b>Density :</b>	1.1 g/cm <sup>3</sup> at 20 °C
<b>pH :</b>	11.5 - 12.5 ( 20 °C)	<b>Solubility :</b>	Water: Soluble in water

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No Data Available.
<b>Chemical Stability:</b>	No Data Available
<b>Hazardous Decomposition:</b>	Carbon dioxide (CO <sub>2</sub> ), carbon monoxide
<b>Conditions to Avoid:</b>	Incompatible materials, air
<b>Incompatible Materials:</b>	Strong oxidizers

## 11 TOXICOLOGICAL INFORMATION

### Acute toxicity:

Ingestion	LD50 > 5 000 mg/kg (rat)
Inhalation (4 hrs)	Not applicable (Test not scientifically justified)
Skin Contact	LD50 > 2 000 mg/kg
Skin corrosion/irritation	Non-irritant. (calculated)
Serious eye damage/irritation	Severe irritant to the eye.
Respiratory or skin sensitization	It is not a skin sensitizer in animal tests.
Mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive	toxicity No evidence of reproductive toxicity.
STOT-single exposure	Inhalation : Irritating to respiratory system. Ingestion : Will cause irritation of the gastrointestinal tract.

## 12 ECOLOGICAL INFORMATION

### Toxicity

(Fish) (96hrs)	LC50 >10 mg/ l (calculated)
(Daphnia magna) (48hrs)	EC50 > 20 mg/l (calculated)
(Algae) (72hrs)	EC50 > 10 mg/l (CAS: 110615-47-9)

**Persistence and degradability** Readily biodegradable.

**Bioaccumulative potential (96 hrs)** The product has no potential for bioaccumulation.

**Mobility in soil** This product is predicted to degrade in soil.

**Results of PBT and vPvB assessment** Not classified as PBT or vPvB.

## MATERIAL SAFETY DATA SHEET

DECYL GLUCOSIDE

### 13 DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14 TRANSPORT INFORMATION

**TGD (Land) :** Not a hazardous material with respect to these transportation regulations.

**IMO-IMDG Shipping Description (Sea) :** Not a hazardous material with respect to these transportation regulations.

**IATA /ICAO (Air) :** Not a hazardous material with respect to these transportation regulations.

### 15 REGULATORY INFORMATION

**Federal Regulations** Not applicable.

**Chemical Safety Assessment:** This product does not contain any chemical components regulated.

**Other :** Not regulated

### 16 OTHER INFORMATION

#### Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.