

## EMULSIFIER 4.5 (Pure Grade)

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Trade name : EMULSIFIER 4.5 (Pure Grade)  
Product code : PG013  
Identification of the product : EMULSIFIER 4.5 (Pure Grade)  
CAS No : 107-98-2

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Industrial. For professional use only.

#### 1.3. Details of the supplier of the safety data sheet

Company identification : Hexon Laboratories Pvt. Ltd.  
1/14, Govind Building, Ardeshir dadi street,  
Charni Road, Mumbai – 400 004.  
Ph. No. : 9028003459  
E-mail : [customercare@hexonlab.com](mailto:customercare@hexonlab.com)  
Web : [www.hexonlab.com](http://www.hexonlab.com)

### 2. HAZARDS IDENTIFICATION –DSD

#### 2.1. Classification of the substance or mixture

##### Classification EC 67/548 or EC 1999/45

Not classified

##### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Not classified

#### 2.2. Label elements

##### Labelling EC 67/548 or EC 1999/45

Not classified

##### Labelling Regulation EC 1272/2008 (CLP)

Not classified

#### 2.3. Other hazards

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Preparation : EMULSIFIER 4.5 (Pure Grade)  
CAS No : 107-98-2

Contains no other components or impurities which will influence the classification of the product.

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**4. FIRST AID MEASURES****4.1. Description of first aid measures**

Inhalation	: For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.
Skin contact	: Wash skin with soap and water. If irritation develops seek medical attention
Eye contact	: Flush with large amounts of cool running water for at least 15 minutes. If irritation persists get medical attention
Ingestion	: Drink large amounts of water. Induce vomiting. Seek medical attention

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms relating to use	: Not expected to present a significant hazard under anticipated conditions of normal use
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**4.3. Indication of any immediate medical attention and special treatment needed**

General information	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
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**5. FIRE-FIGHTING MEASURES****5.1. Extinguishing media**

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
Surrounding fires	: Use water spray or fog for cooling exposed containers.

**5.2. Special hazards arising from the substance or mixture**

Hazardous combustion products	: Under fire conditions, hazardous fumes will be present.
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**5.3. Advice for fire-fighters**

Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment

**6. ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For emergency responders	: Equip cleanup crew with proper protection. Ventilate area.
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For non-emergency personnel	: Evacuate unnecessary personnel.
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**6.2. Environmental precautions**

Environmental precautions	: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
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**6.3. Methods and material for containment and cleaning up**

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**Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust.  
Store away from other materials

### **6.4. Reference to other sections**

See section 8. Exposure controls/personal protection

## **7. HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

**Handling** : Wash hands and other exposed areas with mild soap and water before eat, drink  
Smoke and when leaving work  
**Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage** : Keep only in the original container in a cool, well ventilated place. Keep container  
Closed when not in use.  
**Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

### **7.3. Specific end use(s)**

**Specific end use(s)** : None.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Exposure controls**

**Personal protection** : Avoid all unnecessary exposure.  
• **Respiratory protection** : Wear approved mask.  
• **Hand protection** : Wear protective gloves.  
• **Eye protection** : Chemical goggles or safety glasses.  
• **Others** : When using, do not eat, drink or smoke.

### **8.2. Control parameters**

**Occupational Exposure Limits** : No data available.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

**Physical state at 20 °C** : Liquid .  
**Colour** : Clear colorless  
**Odour** : Slight odor.  
**Odour threshold** : No data available.  
**pH value** : 7.0.  
**Melting point [°C]** : 41<sup>0</sup>F  
**Decomposition point [°C]** : N/A

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Critical temperature [°C]	: N/A
Auto-ignition temperature [°C]	: N/A
Flammability (solid, gas)	: N/A
Flash point [°C]	: 460 <sup>0</sup> F
Boiling point [°C]	: 433 <sup>0</sup> F
Initial boiling point [°C]	: N/A
Final boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: > 1.0
Vapour pressure mm/Hg	: < 1.0
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: N/A
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: Soluble in water
Viscosity at 40°C [mm <sup>2</sup> /s]	: N/A

**9.2. Other information**

Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidising properties	: No data available.

**10. Stability and reactivity****10.1. Reactivity**

Reactivity	: Not established.
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**10.2. Chemical stability**

Chemical stability	: Stable under recommended storage conditions.
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**10.3. Possibility of hazardous reactions**

Hazardous reactions	: Not established.
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**10.4. Conditions to avoid**

Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
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**10.5. Incompatible materials**

Materials to avoid	: Strong acids. Strong bases.
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**10.6. Hazardous decomposition products**

**Hazardous decomposition products** : Fumes. Carbon monoxide. Carbon dioxide.

**11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Acute toxicity**

• Inhalation	: Based on available data, the classification criteria are not met.
• Dermal	: Based on available data, the classification criteria are not met.
• Ingestion	: Based on available data, the classification criteria are not met.
Corrosion	: Based on available data, the classification criteria are not met.
Irritation	: Based on available data, the classification criteria are not met.
Sensitization	: Based on available data, the classification criteria are not met.
Mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Toxic for reproduction	: Based on available data, the classification criteria are not met.
STOT-single exposure	: Based on available data, the classification criteria are not met.
STOT-repeated exposure	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.

**12. ECOLOGICAL INFORMATION****12.1. Toxicity**

**Toxicity information** : Not established.

**12.2. Persistence - degradability**

**Persistence - degradability** : Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** : Not established.

**12.4. Mobility in soil**

**Mobility in soil** : Not established.

**12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

**12.6. Other adverse effects**

**Environmental precautions** : Avoid release to the environment.

**13. Disposal considerations**

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**13.1. Waste treatment methods**

**General** : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

**14 Transport information****14.1. Land transport (ADR-RID)**

**General information** : Not regulated.

**14.2. Sea transport (IMDG) [English only]**

**General information** : Not regulated.

**14.3. Air transport (ICAO-IATA) [English only]**

**General information** : Not regulated.

**15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Safety, health and environmental regulations/legislation specific for the substance or mixture** : Ensure all national/local regulations are observed.

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

**15.2. Chemical Safety Assessment**

**Chemical Safety Assessment** : It has not been carried out.

**16. OTHER INFORMATION**

**Revision** : Revision - See : \*

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.  
vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

**Further information** : None

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In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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