

**Product name** DUR-O-SET® H-100 Emulsion  
**MSDS number** 85710  
**Revision Number** 2.03

**EMNA/EN**  
**Revision Date** Oct.19.2012  
**Issuing date** Jun.20.2014

## 1. Product and company identification

**Product name**

### **DUR-O-SET® H-100 Emulsion**

**Celanese Ltd.**

222 W. Las Colinas Blvd., Suite 900N

Irving, TX 75039

United States

Phone: 972 443 4000

Internet: [www.celanese.com](http://www.celanese.com)

#### **Transportation emergency phone numbers:**

For Chemical Emergency: Spill Leak Fire Exposure or Accident

Call CHEMTREC Day or Night

DOMESTIC NORTH AMERICA: 800-424-9300

INTERNATIONAL, CALL +1 703-527-3887 (collect calls accepted)

## 2. Hazards identification

### **Emergency Overview**

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200)

This product is not considered hazardous under WHMIS.

### **Product Description**

#### **Appearance**

<b>Form</b>	liquid
<b>Odor</b>	sweet
<b>Color</b>	milky white

### **Potential health effects**

**Routes of exposure** Skin, eyes, ingestion

#### **Immediate effects**

**Skin** Prolonged or repeated exposure may cause: skin irritation

**Eyes** May cause eye irritation

**Ingestion** May cause gastrointestinal irritation.

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### 3. Composition/information on ingredients

Components	CAS-No	Percent %
Polyvinyl Acetate		52 - 54
Water	7732-18-5	44 - 46

### 4. First aid measures

**General Information**

Wash contaminated clothing before re-use.

**Skin**

Wash off with soap and water. If symptoms persist, call a physician.

**Eyes**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Ingestion**

If swallowed, seek medical advice immediately and show this container or label.

### 5. Fire-fighting measures

**Suitable extinguishing media**

The product in solution form does not burn. The product will burn only after the water it contains is driven off. For dry polymer, use alcohol resistant foam, carbon dioxide (CO<sub>2</sub>) or dry chemical.

**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**Other Information**

This is a water-based product and presents no particular fire or explosion hazard

### 6. Accidental release measures

**Personal precautions**

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

**Environmental precautions**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

### 7. Handling and storage

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## **7. Handling and storage**

### **Advice on safe handling**

Open containers in ventilated area.

### **Protection - fire and explosion:**

No special protective measures against fire required.

### **Technical measures/Storage conditions**

Keep tightly closed in a dry and cool place. No special technical protective measures required.

### **Material storage**

Protect from frost. Keep at temperatures between 5°C and 35°C (40°F and 95°F). Agitate before use. Keep tightly closed in a dry and cool place.

### **Incompatible products**

No special restrictions on storage with other products

## **8. Exposure controls / personal protection**

### **OSHA Exposure Limits**

No exposure limits established.

### **ACGIH Exposure Limits**

No exposure limits established.

### **Mexico National Exposure Limits**

No exposure limits established

## **Exposure controls**

### **Engineering measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### **Protective equipment**

A safety shower and eyebath should be readily available.

### **General advice**

Avoid contact with skin and eyes.

### **Skin protection:**

Wear impervious clothing and gloves when there is a reasonable chance for skin contact..

### **Eye/face protection:**

safety glasses with side-shields.

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## 9. Physical and chemical properties

### Appearance

<b>Form</b>	liquid
<b>Color</b>	milky white
<b>Odor</b>	sweet.
<b>Freezing point</b>	Approx. 32 F
<b>Boiling Point</b>	100 °C (212°F)
<b>Bulk Density</b>	9.0 lbs/gal
<b>pH</b>	5.1
<b>Viscosity</b>	1200 cPs
<b>Specific Gravity</b>	1.1

## 10. Stability and reactivity

### Chemical stability

Stable under recommended storage conditions

### Conditions to avoid

Do not freeze

### Incompatible Materials

Materials that react with water

### Possibility of hazardous reactions

No hazards to be especially mentioned.

## 11. Toxicological information

### Water

#### Acute oral toxicity

LD50: >5000 mg/kg, rat

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

## 12. Ecological Information

Ecotoxicological data are not available. According to experience, the material has no harmful effect on the environment.

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## 13. Disposal considerations

### **Disposal considerations**

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

## 14. Transport information

**US Department of Transportation** Not regulated

**TDG** Not regulated

**Mexico Transport Information** Not regulated

**ICAO/IATA** Not restricted

**IMDG** Not regulated

## 15. Regulatory Information

### **US State Regulations**

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):  
none

### **U.S. FEDERAL REGULATIONS**

#### **TSCA Inventory**

This product complies with the U.S. Toxic Substances Control Act (TSCA).

#### **SARA 313 Chemicals**

Contains no substances at or above the reporting threshold under Section 313.

### **CANADIAN REGULATIONS**

#### **WHMIS Classification:**

Not a WHMIS controlled product.

All components are listed on the Canadian Domestic Substance List (DSL)

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## 16. Other information

HMIS: Health: 1

Flammability: 0

Physical Hazard: 0

### **Prepared By**

Product Stewardship Department  
Celanese

For more information, consult the Technical Data Sheet ([www.celanese-emulsions.com](http://www.celanese-emulsions.com))

### **Sources of key data used to compile the datasheet**

Information contained in this safety data sheet is based on Celanese owned data and public sources deemed valid or acceptable.. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available..

Changes against the previous version are marked by \*\*\*

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