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<b>Product name</b>	Avicor® 6408 Emulsion (786408)	EMNA/EN
<b>MSDS number</b>	852009	<b>Revision Date</b> Jun.20.2013
<b>Revision Number</b>	1	<b>Issuing date</b> Jun.20.2013

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## 1. Product and company identification

### Product name

### **Avicor® 6408 Emulsion (786408)**

#### **Celanese Ltd.**

222 W. Las Colinas Blvd., Suite 900N  
Irving, TX 75039  
United States  
Phone: 972 443 4000  
Internet: 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)

In Canada, Call 24 hours at 613-996-6666 (collect calls accepted)

#### **End Use:**

Industrial use

## 2. Hazards identification

### **Emergency Overview**

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

#### **CAUTION!**

May cause eye irritation

### **Product Description**

#### **Appearance**

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

### **Potential health effects**

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

#### **Immediate effects**

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

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**Eyes** May cause eye irritation  
**Ingestion** May cause gastrointestinal irritation.

### 3. Composition/information on ingredients

Components	CAS-No	Percent %
Water	7732-18-5	54 - 56
Acrylic polymer		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**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

**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 (CO2) 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.

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### 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

### Handling

#### Advice on safe handling

Open containers in ventilated area.

#### Protection - fire and explosion:

No special protective measures against fire required.

### Storage

#### Technical measures/Storage conditions

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

#### Material storage

Protect from frost. To maintain product quality, do not store in heat or direct sunlight. Keep at temperatures between 5 and 35 °C (40 and 95 F).

#### 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.

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**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.

**9. Physical and chemical properties**

**Appearance**

<b>Form</b>	liquid
<b>Color</b>	white
<b>Odor</b>	sweet.
<b>Melting point/range</b>	0°C
<b>Boiling Point</b>	100 °C (212°F)
<b>Density</b>	0.95 - 1.1 g/ml @ 25°C
<b>Method</b>	ISO 2811-3

<b>Bulk Density</b>	9 lbs/gal
<b>pH</b>	8.0 - 8.4
<b>Method</b>	ISO 976

<b>Viscosity</b>	<200 cPs
<b>Specific Gravity</b>	1.0804
<b>Vapor pressure</b>	24 hPa @ 20°C
<b>Water solubility</b>	miscible

**Remarks** The product was not tested for properties not listed on the MSDS..

**10. Stability and reactivity**

**Reactivity**

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.

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**11. Toxicological information**

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.

**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**

# Material Safety Data Sheet



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## 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)

## 16. Other information

### Prepared By

Product Stewardship Department  
Celanese

For more information, consult the Technical Data Sheet ([www.celanese-emulsions.com](http://www.celanese-emulsions.com)) For more information, other material safety data sheets or technical data sheets please consult the Celanese homepage ([www.celanese.com](http://www.celanese.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 \*\*\*

**For industrial use only.** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Celanese makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Material safety data sheets are provided on the Internet by Celanese as a service to its customers. Possession of an Internet MSDS does not indicate that the possessor of the MSDS was a purchaser or user of the subject product.

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**Abbreviation and Acronym:**

CAS = Chemical Abstracts Service (division of the American Chemical Society)

CLP = Classification, Labelling and Packaging

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

ICAO = International Civil Aviation Organization

IMDG = International Maritime Code for Dangerous Goods

LD50 = Lethal Dose

LC50 = Lethal Concentration

RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

R-Phrases = Risk Phrases

S-Phrases = Safety Phrases

ADR = Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)