1. Product and company identification

Product name
Avicor® 2824 Emulsion (682824)

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
Form liquid
Odor sweet
Color 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.

### 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No</th>
<th>Percent %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>54 - 56</td>
</tr>
<tr>
<td>Acrylic Polymer</td>
<td></td>
<td>44 - 46</td>
</tr>
</tbody>
</table>

### 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.
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.
Protective equipment
A safety shower and eyewash 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
Form  
liquid
Color  
milky white
Odor  
sweet.
Freezing point  
0°C
Boiling Point  
100 °C (212°F)
ph  
8
Specific Gravity  
1.06

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.

11. Toxicological information

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

12. Ecological information
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

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.
Material Safety Data Sheet

CANADIAN REGULATIONS

WHMIS Classification:
Not a WHMIS controlled product.

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

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)

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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