

Product name	DUR-O-SET® H-102 Emulsion (251087)	EMNA/EN
MSDS number	85711	Revision Date Oct.19.2012
Revision Number	2.01	Issuing date Oct.19.2012

1. Product and company identification

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:

In USA, call 800-424-9300
Outside USA, call 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.

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.

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3. Composition/information on ingredients

Components	CAS-No	Percent %
Polyvinyl Acetate Homopolymer		54 - 56
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 (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.

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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. Keep at temperatures between 5 and 25 °C (40 and 77 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 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..

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Eyel/face protection:

safety glasses with side-shields.

9. Physical and chemical properties

Appearance

Form	liquid
Color	milky white
Odor	sweet.
Freezing point	Approx. 32 F
Boiling Point	100 °C (212°F)
Bulk Density	9.1 lbs/gal
pH	5.0
Viscosity	1200 cPs
Specific Gravity	1.07

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

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

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):

California Prop. 65

WARNING: This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.

Unless a concentration is specified in Section 3 of the MSDS, the chemical/s below are present in trace amounts.

Acetaldehyde (75-07-0)
Formaldehyde (50-00-0)

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



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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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