

Product name Avicor® 325 Emulsion (75581A)
MSDS number 852026B
Revision Number 2.01

EMNA/EN
Revision Date Feb.04.2015
Issuing date Feb.04.2015

1. Product and company identification

Trade Name

Avicor® 325 Emulsion (75581A)

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)

Identified uses

Industrial use

2. Hazards identification

Emergency Overview

Possible cancer hazard. Contains material which may cause cancer based on animal data. Risk of cancer depends on duration and level of exposure.

Product Description

Appearance

Form	liquid
Odor	sweet
Color	milky white

Potential health effects

Routes of exposure Skin, Eyes

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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Other: Product contains residual Vinyl Acetate, an IARC 2B possible human carcinogen based on animal data

3. Composition/information on ingredients

Components	CAS-No	Percent %
Vinyl-Acrylic copolymer		54-56
Water	7732-18-5	44-46
Vinyl acetate	108-05-4	0.5

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.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

5. Fire-fighting measures

NFPA: **Health:** 1 **Flammability:** 0 **Instability:** 0

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.

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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. Dispose of in accordance with local regulations.

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. To maintain product quality, do not store in heat or direct sunlight. 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

Components	STEL
Vinyl acetate	20 PPM

ACGIH Exposure Limits

Components	TWA
Vinyl acetate	10 PPM

Components	STEL
Vinyl acetate	15 PPM

Mexico National Exposure Limits

Components	LMPE - PPT	
Vinyl acetate	30 mg/m ³	10 PPM

Components	STEL
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Vinyl acetate	60 mg/m ³	20 PPM
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Components	Mexican Carcinogen Category
Vinyl acetate	A3

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.

Respiratory protection

Based on workplace contaminant level and working limits of the respirator, use a respirator approved by NIOSH. The following is the minimum recommended equipment for an occupational exposure level. To estimate an occupational exposure level see Section 8 and Section 11.

For concentrations > 1 and < 10 times the occupational exposure level: Use air-purifying respirator with full facepiece and organic vapor/acid gas cartridge(s) or air-purifying full facepiece respirator with an organic vapor/acid gas canister or a full facepiece powered air-purifying respirator fitted with organic vapor/acid gas cartridge(s). The air purifying element must have an end of service life indicator, or a documented change out schedule must be established. Otherwise, use supplied air.

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.
Boiling Point	100 °C (212°F)
Bulk Density	8.8 - 9.0 lbs/gal
pH	4.0 - 6.0
Method	ISO 976

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Viscosity 700 - 1200 cPs
Vapor pressure 24 hPa @ 20°C
Water solubility miscible

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

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

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14. Transport information

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):

Vinyl acetate 108-05-4

Pennsylvania	Listed
New York	Listed
New Jersey	Listed
Illinois	Listed
Louisiana	Listed
Massachusetts	Listed
Rhode Island	Listed

U.S. FEDERAL REGULATIONS

TSCA Inventory

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

SARA 313 Chemicals

Vinyl acetate (108-05-4) 0.5 %

Vinyl acetate 108-05-4

CERCLA Hazardous Substance	Listed
Extremely Hazardous Substance	Listed

CANADIAN REGULATIONS

WHMIS Classification:

Classification D2A is due to the presence of residual vinyl acetate, which may be released during storage or thermal processing.

WHMIS Ingredient Disclosure List IDL:

This product does not contain substances required to be disclosed according to the Canada WHMIS Ingredient Disclosure List.

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

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16. Other information

NFPA:	Health: 1	Flammability: 0	Instability: 0
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) For more information, other material safety data sheets or technical data sheets please consult the Celanese homepage (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..

Other Information:

Celanese, the C-Ball design, and Flexbond are registered trademarks of Celanese Corp.

Traces of residual monomers can be found in the product:

Vinyl acetate

Changes against the previous version are marked by ***

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