

Product Name: ACRY SOL A-1 SOLUTION

Issue Date: 05/17/2010

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

1. Chemical Product and Company Identification

ACRY SOL A-1 SOLUTION

COMPANY IDENTIFICATION

Epicor, Incorporated
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Linden, New Jersey 07036
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24-HOUR EMERGENCY TELEPHONE NUMBER

(908) 925-0800

2. Hazards Identification

Emergency Overview

Color: Colorless to green-yellow, clear to hazy

Physical State: Liquid

Odor: Mild

Hazards of product:

CAUTION! Inhalation of vapor or mist can cause headache, nausea, and irritation of the nose, throat and lungs. May cause eye/skin irritation.

OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Health Effects

Primary Routes of Entry: Inhalation
 Eye contact
 Skin contact

Eye Contact: Direct contact with material can cause slight irritation.

Skin Contact: Prolonged or repeated skin contact can cause slight irritation.

Inhalation: Inhalation of vapor or mist can cause irritation of nose, throat and lungs, headache and nausea.

3. Composition Information

Component	CAS #
Polycarboxylic Acid	Not Hazardous
Water	7732-18-5

4. First-aid Measures

Eye Contact: Rinse with plenty of water. If eye irritation persists, consult a specialist.

Skin Contact: Wash skin with water and soap as a precaution. If skin irritation persists, call a physician.

Inhalation: Move person to fresh air.

Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash point: Noncombustible

Lower explosion limit: Not Applicable

Upper explosion limit: Not Applicable

Thermal decomposition

Thermal decomposition may yield acrylic monomers.

Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

Specific hazards during fire fighting

Material can splatter above 100°C/212°F. Dried product can burn.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit.

6. Accidental Release Measures

Personal Precautions

Use personal protective equipment.

Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

Environmental Precautions

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. Handling and Storage**Handling**

General Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

Further information on storage conditions: Keep from freezing – product stability may be affected. Stir well before use.

Storage

Monomer vapors can be evolved when material is heated during processing operations. See Section 8 for types of ventilation required.

Storage temperature: 1 - 49 °C(34 – 120 °F)

8. Exposure Controls / Personal Protection**Exposure Limits**

Exposure limits are listed below, if they exist.

Personal Protection

Eye/Face Protection: Safety glasses with side-shields

Hand protection: Use of neoprene gloves may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.

Respiratory Protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. None required under normal operating conditions. Where vapors and/or mists may occur, wear a properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator. Air-purifying respirators should be equipped with NIOSH approved (or equivalent) organic vapor cartridges and N95 filters. If oil mist is present, use R95 or P95 filters.

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Engineering Controls

Ventilation: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

9. Physical and Chemical Properties

Physical State	Liquid	pH	1.6 – 1.8
Color	Colorless to green-yellow Clear to hazy		

Odor	Mild
Vapor Pressure (mm Hg)	17 mm Hg @ 20°C/68°F (water)
Vapor Density (Air = 1)	Less than 1 (water)
Boiling Point	100°C/212°F (water)
Solubility in Water	100%
Specific Gravity	1.07
Melting Point	0°C/32°F (water)
Evaporation Rate	Less than 1 (water)

10. Stability and Reactivity

Stability/Instability

Stable.

Hazardous Reactions: None known.

Incompatible Materials: There are no known materials which are incompatible with this product.

Hazardous Polymerization: Product will not undergo polymerization.

11. Toxicological Information

Acute Toxicity

Acute Oral

LD50, Rat > 5,000 mg/kg

Acute Dermal

LD50, Rabbit > 3,000 mg/kg

Skin Irritation

Rabbit, slight irritation

Eye Irritation

Rabbit, slight irritation

Sensitization

Human, not a sensitizer

12. Ecological Information

ECOTOXICITY

Toxicity to fish LC50, Rainbow trout (*Salmo gairdneri*) 96 h
520 mg/l

Toxicity to fish Bluegill sunfish 96 h
>1,000 mg/l

Toxicity to aquatic invertebrates EC50, *Daphnia magna* 48 h
>1,000 mg/l

13. Disposal Considerations

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal

Waste Classification: D002

Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

14. Transport Information

DOT Non-Bulk

NOT REGULATED

IMO/IMDG

NOT REGULATED (Not dangerous for transport)

15. Regulatory Information

OSHA Hazard Communication Standard

This product is considered non-hazardous under the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

This product is not a hazardous chemical under 29 CFR 1910.1200, and therefore is not covered by Title III of SARA.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

CERCLA Information (40 CFR 302.4)

This material is regulated under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304. This material is or contains chemical(s) listed in 40 CFR Table 302.4 or nondesignated RCRA ICR substance(s). (Nondesignated ICR substances apply to materials that will not be reused.) The Reportable Quantity(s) (RQ) are listed below. Releases in excess of its reportable quantity must be reported to the National Response Center (1-800-424-8802) and to the appropriate state and local emergency response organizations.

See Section 13, Disposal Considerations, Subsection Disposal, for CERCLA classification.

US. Toxic Substances Control Act (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16. Other Information

None.

The information contained herein relates only to the specific material identified. Epicor Incorporated believes the information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made to the accuracy, reliability, or completeness of the information. Epicor Incorporated urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.