



Section 1. Product and Company Identification

Product Name Acrylate Copolymer
CAS Number N/A

Parchem - fine & specialty chemicals

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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

No need for classification according to GHS criteria for this product.

Hazards not otherwise classified: No specific dangers known, if the regulations/notes for storage and handling are considered.

Emergency overview: NO PARTICULAR HAZARDS KNOWN. Avoid contact with the skin, eyes and clothing.

Section 3. Composition / Information on Ingredients

Common Name Acrylate Copolymer
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Section 4. First Aid Measures

Description of first aid measures

General advice: If adverse health effects develop seek medical attention.

If inhaled: not relevant.

If on skin: After contact with skin, wash immediately with plenty of water.

If in eyes: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention if necessary.

If swallowed: Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Symptoms: No significant symptoms are expected due to the non-classification of the product.

Hazards: No hazard is expected under intended use and appropriate handling.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat symptomatically.

Section 5. Firefighting Measures

Extinguishing media

Suitable extinguishing media: water spray, carbon dioxide, dry powder, foam

Special hazards arising from the substance or mixture

Hazards during firefighting: Harmful vapors. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for firefighters

Protective equipment for firefighting: Wear a self-contained breathing apparatus.

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective clothing.

Environmental precautions: Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product. Dispose of absorbed material in accordance with regulations.

Section 7. Handling and Storage

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion: Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Storage stability

Storage temperature: 5 - 30 °C

Protect from temperatures below: 5 °C. Characteristics of the product are irreversibly changed below the limit temperature.

Protect from temperatures above: 30 °C. Properties of the product change irreversibly on exceeding the limit temperature.

Section 8. Exposure Controls / Personal Protection

Exposure Controls/Personal Protection

Advice on system design: No special precautions necessary.

Personal protective equipment

Respiratory protection: Not applicable with adequate ventilation.

Hand protection: Chemical resistant protective gloves

Eye protection: Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection: Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Form: liquid

Odor: characteristic

Color: milky white

pH value: 1 - 5 (25 °C)

boiling temperature: > 100 °C

Flash point: > 100 °C Aqueous preparation

Flammability: not flammable

Flammability of Aerosol Products: not applicable, the product does not form flammable aerosols)

Lower explosion limit: For liquids not relevant for classification and labelling.

Upper explosion limit: not determined

Auto ignition: not determined

Density: 1.07 g/cm³ (25 °C)

Vapor density: not applicable

Partitioning coefficient n-octanol/water (log Pow): not determined

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Viscosity, dynamic: <= 50 mPa*s (25.0 °C) (DIN EN ISO 2555 (RVT)) 2,500 - 5,000 mPa*s (25.0 °C) (DIN EN ISO 2555 (RVT)) 4,000 - 10,000 mPa*s (25 °C) (DIN EN ISO 2555)

Viscosity, kinematic: not determined

Solubility in water: soluble

Solubility (qualitative): soluble

solvent(s): distilled water

Evaporation rate: not applicable

Other Information: If necessary, information on other physical and chemical parameters is indicated in this section. No further information available.

Section 10. Stability and Reactivity

Reactivity

Oxidizing properties: not fire-propagating

Chemical stability: The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions: Reacts with oxidizing agents. Reacts with concentrated bases.

Incompatible materials: No substances known that should be avoided.

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Section 11. Toxicological Information

Primary routes of exposure: Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry: Dermal contact.

Acute Toxicity/Effects

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

Oral

Type of value: LD50

Value: > 5,000 mg/kg

Assessment other acute effects

Assessment of STOT single: Based on available Data, the classification criteria are not met.

Irritation/corrosion

Assessment of irritating effects: Not irritating to the eyes. Not irritating to the skin.

Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

Aspiration Hazard: No aspiration hazard expected.

Chronic Toxicity/Effects

Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.



Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

Teratogenicity

Assessment of teratogenicity: No data was available concerning toxicity to development.

Other Information: The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Symptoms of Exposure: No significant symptoms are expected due to the non-classification of the product.

Section 12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish: LC50 > 100 mg/l

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

EC0: > 100 mg/l

Persistence and degradability: Assessment biodegradation and elimination (H2O). Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: No data available.

Mobility in soil: Assessment transport between environmental compartments not applicable

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Land transport

USDOT: Not classified as a dangerous good under transport regulations



Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15. Regulatory Information

Federal Regulations

Registration status

Chemical: TSCA, US released/listed

Cosmetic: TSCA, US released/exempt

EPCRA 311/312 (Hazard categories): None

Ethyl acrylate: 140-88-5 1000 LBS

1,4-dihydroxybenzene: 123-31-9 100 LBS

State regulations

CA Prop. 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

NFPA Hazard codes

Health: 1

Fire: 1

Reactivity: 0

HMIS III rating

Health: 1

Flammability: 1

Physical hazard: 0

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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