

Acrylate Copolymer

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 19-Mar-2021
Supersedes: 02-Jul-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Acrylate Copolymer	Distributor:	XI'AN AOGU BIOTECH CO.,LTD
Synonyms:	No data available	Address:	Room 606,Block B3,Jinye Times Yanta District,Xi'an Shaanxi 710065 China
INCI Name:	Acrylates / Octylacrylamide Copolymer	Phone / Fax:	0086-29-89121514
CAS Number:	129702-02-9	Web:	www.aogubio.com
Formula:	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with 2-propenoic acid and N-(1,1,3,3-tetramethylbutyl)-2-propenamide		
Product Form:	Solid (Powdered solid)	Emergency Telephone Number: 0086-18091843361 (Chemtrec)	
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification: Combustible dust
Signal Word: **WARNING**
GHS Hazard Pictograms: None
GHS Hazard Statements: If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: Moderately irritating to the eyes.
 Inhalation: No data available. Skin: Slightly irritating to the skin.
 Ingestion: No data available.

NFPA Ratings (704):	Health	1	Slight
	Flammability	1	Slight
	Reactivity	0	Minimal
	Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Acrylate Copolymer	129702-02-9	No data available	No data available

4 FIRST AID MEASURES

Eyes: Rinse with plenty of water. Protect unharmed eye. Keep eye wide open while rinsing. Get medical attention if necessary.

Inhalation: Remove to fresh air. Keep patient warm and at rest. Rinse nose and mouth with water. Get medical attention if necessary.

Skin: Remove contaminated clothing and shoes. Wash with water and soap as a precaution. Get medical attention if necessary.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if larger quantity was swallowed (show this Safety Data Sheet).

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (water spray, dry chemical, carbon dioxide) for adjacent fire. Do not use direct water jet.

Special protective equipment & Wear self-contained, approved breathing apparatus and full protective clothing, including eye

<p>precautions for firefighters:</p> <p>Flash Points:</p> <p>Specific hazards arising from the chemical:</p> <p>Further Information:</p>	<p>protection and boots.</p> <p>No data available</p> <p>Do not allow run-off from firefighting to enter drains or water courses. Risk of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g., on floors and ledges. See also Stability and Reactivity section. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Forms slippery/greasy surfaces with water.</p>
--	--

6 ACCIDENTAL RELEASE MEASURES

<p>Personal precautions, protective equipment & emergency procedures:</p> <p>Environmental precautions:</p> <p>Methods and material for containment and cleaning up:</p>	<p>Avoid dust formation. Follow safe handling advice and personal protective equipment recommendations. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.</p> <p>Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.</p> <p>Do not flush with water. Sweep up and shovel. Keep in suitable, closed containers for disposal. Forms slippery/greasy surfaces with water. After cleaning, flush away traces with water. For disposal considerations see Section 13.</p>
---	--

7 HANDLING & STORAGE

<p>Precautions for safe handling:</p> <p>Conditions for safe storage, incl. any incompatibilities:</p>	<p>Avoid creating dust. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid spillage on floor as the product can become very slippery when wet. Provide appropriate exhaust ventilation at places where dust is formed. No sparking tools should be used. Dust explosion class: St1. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Protect from moisture. Store in original container between 40-77° F (5-25° C). Keep container tightly closed. Keep away from heat and incompatible materials (see section 10 for incompatibilities).</p>
--	--

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Acrylate Copolymer	50 million particles/ft ³ (total dust)	OSHA Z-3 (dust)	TWA
	15 mg/m ³ (total dust)	OSHA Z-3 (dust)	TWA
	5 mg/m ³ (respirable fraction)	OSHA Z-3 (dust)	TWA
	15 million particles/ft ³ (respirable fraction)	OSHA Z-3 (dust)	TWA

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Tightly fitting safety goggles. Do not wear contact lenses.
Inhalation:	No personal respiratory protective equipment normally required. In the cast of dust, vapor, or aerosol formation, use respiratory with an approved filter. Half mask with a particle filter P2 (EN 143).
Body:	Gloves should be worn (rubber or PVC material)
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder	Vapor Pressure:	Not applicable
Odor:	Slight	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	Not applicable

Color:	White	Flammability:	Not classified as a flammability hazard. May form combustible dust concentrations in air during processing, handling or other means
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Lower EL: 30,000 mg/m ³
pH:	Not applicable	Flash Point:	Not applicable
Boiling Point:	Not applicable	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Insoluble
Bulk Density:	500 kg/m ³	Auto-Ignition Temperature:	>100°C
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	Not applicable	Explosive Properties:	Not explosive
Oxidizing Properties:	This substance or mixture is not classified as oxidizing	Freezing Point:	No data available
Dust Explosion Class:	St1	Minimum Ignition Energy:	30-100 mJ

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	Dust may form explosive mixture in air.
Conditions to Avoid:	Avoid creating dust.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	In case of fire: Ammonia, Nitrogen oxides (NOx), Carbon oxides.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified based on available information
Skin:	Product dust may be irritating to skin.
Eyes:	Product dust may be irritating to eyes.
Respiratory:	Product dust may be irritating to respiratory system.
Ingestion:	Not expected to be irritating. LD50 not available.
Carcinogenicity:	Not classified as a carcinogen by IARC, OSHA, or NTP.
Teratogenicity:	Not classified based on available information
Germ Cell Mutagenicity:	Not classified based on available information
Embryotoxicity:	Not classified based on available information
Specific Target Organ Toxicity:	Not classified based on available information
Reproductive Toxicity:	Not classified based on available information
Respiratory/Skin Sensitization:	Not classified based on available information

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	LC50 not available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available
Additional Information:	The effects of this product on aquatic organisms are rapidly and significantly mitigated through hydrolysis and by the presence of dissolved organic compounds by the aquatic environment.
Hazardous to the ozone layer:	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances. This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the US Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available
TDG (Transportation of Dangerous Goods, Canada):	Not regulated as a dangerous good
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good
IATA (International Air Transport Association):	Not regulated as a dangerous good
ICAO (International Civil Aviation Organization):	No data available
ADR/RID:	Not regulated as a dangerous good
Annex II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied
49 CFR:	Not regulated as a dangerous good
NOM-002-SCT:	Not regulated as a dangerous good

15 REGULATORY INFORMATION

TSCA Inventory Status: YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.
TSCA 5(a)(2): No substances are subject to a Significant New Use Rule.
TSCA 12(b): No substances are subject to TSCA 12(b) export notification requirements.

DSCL (EEC): YES. On the inventory, or in compliance with the inventory.

WHMIS (Canada): No data available

EU EINECS/ELINCS/NLP: NO. Not in compliance with the inventory.

China IECSC: NO. Not in compliance with the inventory.

China IECIC (06.30.2014): No data available

Australia AICS: No data available

Japanese MITI: No data available

Philippines PICCS: NO. Not in compliance with the inventory.

Korea KECL: NO. Not in compliance with the inventory.

New Zealand NZIoC: YES. On the inventory, or in compliance with the inventory.

TSCI: YES. On the inventory, or in compliance with the inventory.

ISHL: NO. Not in compliance with the inventory.

CERCLA RQ: This material does not contain any components with a CERCLA Reportable Quantity.

SARA 304 Extremely Hazardous Substances RQ: This material does not contain any components with a section 304 EHS Reportable Quantity.

SARA 311/312 Hazards: Combustible dust

SARA 302: This material does not contain any components with a section 302 EHS TPQ.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the US Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals subject to disclosure and listed under the US Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the US Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act: The following Hazardous Substances are listed under the US Clean Water Act, Section 311, Table 116.4A: Benzoic Acid (CAS 65-85-0) 0.1-1%
The following Hazardous Chemicals are listed under the US Clean Water Act, Section 311, Table 117.3: Benzoic Acid (CAS 65-85-0) 0.1-1%

California Prop. 65: This product does not contain any toxic pollutants listed under the US Clean Water Act Section 307.
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16 OTHER INFORMATION

Revision Date: 19-Mar-2021

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.