



# Safety Data Sheet

## PolyMulse Polymeric Emulsifier

Complies with 29 CFR 1910.1200

### Section 1: Company and Product Identification

**Product Name:** PolyMulse Polymeric Emulsifier

**INCI Name:** Acrylates/C10-30 Alkyl Acrylate Crosspolymer

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC  
 48 Hope Ln  
 Eastsound, WA 98245  
 PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands	CALL +1 800-424-9300
In case of difficulties or for ships at sea	CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America	CALL +1 703-527-3887

### Section 2: Hazards Identification

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**Hazard Pictograms:**

**Signal Word:** Not Applicable

**Hazard Classification:** This substance does not meet the criteria for a dangerous or hazardous

**Hazard Category:** Non-classified

**Hazard Statements:** Not Applicable

**Precautionary Statements:** Not Applicable

**Other Hazards:** None

### Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Not classified	Mixture	~100%

**Additional Information:** For full text of H-statements and R-phrases: see SECTION 16



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### Section 4: First Aid Measures

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**General Info:** Treat symptomatically. See Section 11 for symptoms/effects, acute and delayed.

**If ingested:** Treat Symptomatically. Seek medical attention.

**If inhaled:** Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration.

**Eye contact:** Any material that comes into contact with the eyes should be washed out immediately with water. If easy to do, remove contact lenses. Water (moisture) swells this product into a gelatinous film which may be difficult to remove from the eye using only water. Immediately flush eyes with plenty of one percent (1%) physiological saline solution for 5 minutes while holding eyelids open. If no saline is available, flush with plenty of clean water for at least 15 minutes. See a physician.

**Skin contact:** Wash with soap and water. If skin irritation persists, get medical attention.

### Section 5: Fire Fighting Measures

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**General Info:** Avoid hose stream or any method which will create dust clouds. Powdered material may form explosive dust-air mixtures. As with all organic dusts, fine particles suspended in air in critical proportions and in the presence of an ignition source may ignite and/or explode. Dust may be sensitive to ignition by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. As a precaution, implement standard safety measures for handling finely divided organic powders. This product has a high volume resistivity and a propensity to build up static electricity which may be discharged as a spark. A spark can be an ignition source for solvent vapor/air mixtures. If you add this product to a solvent, ensure appropriate safe handling practices such as provision for inerting flammable vapors. Minimize airborne dust.

**Extinguishing Method /**

**Equipment:** Use water spray, dry chemical or foam for extinction. CO<sub>2</sub> may be ineffective on large fires.

**Hazardous Decomposition Info:** See section 10 for additional information.

### Section 6: Accidental Release Measures

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**Personal precautions, protective**

**equipment and procedures:** Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations.

**Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent entry into sewers and waterways. Take precautions to avoid release to the environment.



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## Containment Equipment and

**Procedures:** Pick up free solid for recycle and/or disposal. Sweep up and place in a clearly labeled container for chemical waste. Avoid dust formation. Use wet sweeping compound or water to avoid raising dust. Collect powder using special dust vacuum cleaner with particle filter (HEPA) or carefully sweep into closed container.

## Section 7: Handling and Storage

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**Safe Handling Precautions:** Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid environmental contamination.

**Recommendations for Storage:** Store away from incompatible materials. See section 10 for incompatible materials. Store in a dry, well-ventilated place. Keep containers closed when not in use.

**Specific End Use(s):** Active ingredient in cosmetic and personal care applications.

## Section 8: Exposure Control / Personal Protection

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**Control Parameters:** Occupational Exposure Limits: None of the components have assigned occupational exposure limits.

### General / Engineering

**Controls:** To prevent dust explosions, employ bonding and grounding for operations capable of generating static electricity. Minimize dust generation and accumulation. Provide adequate ventilation.

**Eye/face protection:** Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

**Hand Protection:** Suitable gloves can be recommended by the glove supplier. Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur, wear chemically protective gloves.

**Body Protection:** Long sleeve shirt is recommended.

**Respiratory Protection:** Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require use of a respirator. Under normal use conditions, a respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely.

**Thermal Hazards:** None required under normal conditions of use

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

### Environmental Exposure

**Controls:** Non-hazardous but avoid direct releases to the environment.



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### Section 9: Physical and Chemical Properties

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**Physical State:** Solid.

**Appearance:** Powder.

**Color:** White.

**Odor:** Slight acetic.

**Odor Threshold:** No data available.

**pH:** No data available.

**Melting Point:** No data available.

**Freezing Point:** No data available.

**Boiling Point:** No data available.

**Flash Point (COC):** Not applicable.

**Auto-ignition Temperature:** No data available.

**Decomposition Temperature:** No data available.

**Evaporation Rate:** No data available.

**Vapor Pressure:** No data available.

**Explosive Limits:** No data available.

**Vapor Density:** No data available.

**Relative Density:** Estimated at 1.4 68° F (20 °C).

**Water Solubility:** Material will swell in water.

**Viscosity (cP):** No data available.

**Explosion Properties:** No data available.

**Oxidizing Properties:** No data available.

**Partition coefficient:** No data available.

**Other information:** None available.

### Section 10: Stability and Reactivity

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**Reactivity:** No data available.

**Chemical Stability:** Material is stable under normal conditions.

#### Possibility of Hazardous

**Reactions:** Will not occur.

**Conditions to Avoid:** Static discharge.

**Incompatible Materials:** Strong oxidizing agents.

#### Hazardous Decomposition

**Products:** Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

### Section 11: Toxicological Information

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#### Information on likely routes of exposure.

**Inhalation:** No data available.



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**Ingestion:** No data available.

**Skin Contact:** No data available.

**Eye Contact:** No data available.

### Information on toxicological effects/Acute Toxicity

**Oral:** May cause irritation of the gastrointestinal tract. Not classified for acute toxicity based on available data.

**Dermal:** Not classified for acute toxicity based on available data.

**Inhalation:** Avoid inhalation of dust. Data from studies in similar products indicate the inhalation of respirable polyacrylate dust may cause inflammatory changes in the lung. Persons with sensitive airways (e.g., asthmatics) may react to vapors. Breathing of dust may cause coughing, mucous production, and shortness of breath. Not classified for acute toxicity based on available data.

**Skin Corrosion/Irritation:** Pre-existing skin conditions may be aggravated by prolonged or repeat exposure. Contact dermatitis may occur in sensitive individuals under extreme and unusual conditions of prolonged or repeated contact, such as high exposure accompanied by elevated temperature and occlusion by clothing. This effect may be the result of the product's hygroscopic properties, abrasion, or pH. Prolonged or repeated contact may cause irritation.

### Serious Eye Damage/Eye

**Irritation:** Remarks: Particles in the eyes may cause irritation and smarting.

**Respiratory Sensitization:** No data available.

**Skin Sensitization:** No data available.

### Specific Target Organ Toxicity - Single Exposure

**Aspiration Hazard:** No data available.

**Other Effects:** This material readily absorbs moisture and may become thick and gelatinous upon contact with mucous membranes of the eye, or upon inhalation into the nasal passages.

### Chronic Effects

**Carcinogenicity:** No data available.

### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified.

### US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified.

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified.

**Germ Cell Mutagenicity:** No data available.

**Reproductive Toxicity:** No data available.



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### Specific Target Organ Toxicity - Repeated Exposure:

Data from studies observed from similar materials indicate rats exposed to a respirable, water-absorbent sodium polyacrylate dust resulted in lung effects such as inflammation, hyperplasia, and tumors. There were no observed adverse effects at exposures of 0.05 mg/m<sup>3</sup>. In addition, long-term medical monitoring of potentially exposed workers has not revealed lung effects such as those observed in the rat. However, the inhalation of respirable dusts should be avoided by implementing respiratory protection measures and observing the recommended permissible exposure limit of 0.05 mg/m<sup>3</sup>.

## Section 12: Ecological Information

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### Ecotoxicity

**Fish:** No data available.

**Aquatic Invertebrates:** No data available.

**Toxicity to Aquatic Plants:** No data available.

### Toxicity to Soil Dwelling

**Organisms:** No data available.

**Sediment Toxicity:** No data available.

**Toxicity to Terrestrial Plants:** No data available.

### Toxicity to Above-Ground

**Organisms:** No data available.

**Toxicity to Microorganisms:** No data available.

### Persistence and Degradability

**Biodegradation:** No data available.

### Bioaccumulative Potential

#### Bioconcentration Factor

**(BCF):** No data available.

**Mobility:** No data available.

**Other Adverse Effects:** No data available.



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### Section 13: Disposal Information

**Disposal Instructions:** Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of the product.

**Contaminated Packaging:** Container packaging may exhibit hazards.

### Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>UN Number:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>Transport Hazard Class(es):</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Packing Group:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Environmental Hazards:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Special Precautions for User:</b>	None	None	None	None
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable	Not applicable	Not applicable	Not applicable

### Section 15: Regulatory Information

#### US Federal Regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Reportable Quantity</u>	<u>Calculated*</u>
Ethyl acetate	141-78-6	5000 lbs	> 5000 lbs > 22680 kgs
Cyclohexane	110-82-7	1000 lbs	> 50000 lbs > 22680 kgs

\*This is the amount product/material required to be released before CERCLA reporting is required.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**SARA 311 Classifications:** Not classified.



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**SARA 302 Extremely Hazardous Substance:**

None present or none present in regulated quantities.

**Sara 304 Emergency Release Notification:**

<u>Chemical Identity</u>	<u>CAS#</u>	<u>% by Weight</u>	<u>Reportable Quantity</u>
Ethyl acetate	141-78-6	0.5 %	5000 lbs
Cyclohexane	110-82-7	0.4 %	1000 lbs

**California Prop 65:** WARNING: This product can expose you to chemicals including: Benzene (450.00PPB). This product contains chemical(s) known to the State of California to cause cancer birth defects or other reproductive harm.

**Inventory Status**

**Australia (AICS):** This product contains a substance that is not listed on the Australia Inventory of Chemical Substances.

**Canada (DSL/NDSL):** All substances contained in this product are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL) or are exempt.

**China (IECSC):** This product contains a substance or polymer that has been notified and is restricted to import by the notifier.

**European Union (REACH):** To obtain information on the REACH compliance status of this product, please e-mail: REACH@SDSInquiries.com.

**Japan (ENCS):** This product contains one or more components that are not included on the Existing and New Chemical Substances List (ENCS). It is intended for use solely as a cosmetic ingredient in Japan.

**Korea (ECL):** This product contains one or more components that are not included on the Korean Existing Chemicals List (KECL). It is intended for use solely as a cosmetic ingredient in Korea.

**New Zealand (NZIoC):** All components are in compliance with chemical notification requirements in New Zealand.

**Philippines (PICCS):** This product requires notification before sale in the Philippines.

**Switzerland (SWISS):** This product contains a substance that is not listed on the Switzerland Inventory of Notified New Substances.

**Taiwan (TCSCA):** May require notification before sale Taiwan.

**United States (TSCA):** This product contains one or more substances not on the TSCA Inventory. It is sold solely for uses subject to regulation under the Federal Food, Drug and Cosmetic Act.





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### Section 16: Other Information

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**Indication of Changes:** Version 1 created February 28th, 2020

**HMIS:** 0-1-0

**NFPA:** 0-1-0

**List of Relevant R-phrases**

**(number and full text):** Not applicable

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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