



Polymer Additives Division

FINAWAX SE**STEARYL ERUCAMIDE****1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: FINAWAX-SE
PRODUCT DESCRIPTION : Stearyl Erucamide

MANUFACTURER:

FINE ORGANICS
FINE HOUSE, ANANDJEE STREET,
Off M G ROAD, GHATKOPAR (EAST)
MUMBAI-400 077

Emergency Phone:
(+91) 22-509 3400-3410
FAX: (+91) 22-516 2276, 515 3215

2. COMPOSITION / INFORMATION ON INGREDIENTS

Principle Components	Wt. %	CAS#
Stearyl Erucamide	-	Not applicable

3. HAZARDS IDENTIFICATION SUMMARY**EMERGENCY OVERVIEW**

Off white powder or beads, fatty odor.
Causes eye, skin and mucous membrane irritation.
Powdered material may form explosive dust-air mixtures.
Molten material may cause thermal burns.

POTENTIAL HEALTH EFFECTS

Irritant (Eyes, Skin, Mucous Membranes)

ROUTES OF EXPOSURE

Contact, Inhalation, Ingestion

TARGET ORGAN EFFECTS

EYES:

Contact causes eye irritation.

Contact with product at elevated temperatures can result in thermal burns.

SKIN:

Contact causes skin irritation.

Contact with product at elevated temperatures can result in thermal burns.

INGESTION:

May cause irritation to digestive tract including nausea, vomiting, diarrhea.

INHALATION:

Inhalation of dusts may cause irritation to respiratory passages.

CARCINOGENICITY:

Not Listed by NTP

Not listed by IARC

Not listed by OSHA

4. FIRST AID MEASURES

EYE CONTACT:

Immediately flush eyes with plenty of water for 15 minutes. Do not let victim rub eyes.

Seek medical attention immediately.

SKIN CONTACT:

Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention. Contaminated clothing should be discarded in a manner which limits further exposure. If molten material contacts skin, cool rapidly with cold water. Do not attempt to peel from skin. Obtain medical attention for thermal burns.

INGESTION:

If swallowed, give milk or water to dilute. Seek medical attention immediately. Never give anything by mouth to an unconscious persons.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point (°F/°C)..... : > 212°F/>100°C

Test Method : Cleveland Open Cup

Flammable Limits : No data available

Flammability Classification : Not classified

Fine Organic Industriess (Mumbai) Pvt. Ltd.

Mumbai-400 077 (India)

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E-mail : exports@fineorganics.com

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MATERIAL SAFETY DATA SHEET

Extinguishing Media

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Hazardous Products of Combustion

Oxides of carbon, and nitrogen; smoke and fumes.

Fire Fighting Instructions

Dusts at sufficient concentrations can form explosive mixtures with air.

Fire fighters should wear full protective gear including self-contained breathing apparatus (SCBA) with full face shield operated in positive pressure mode, and full protective clothing.

Closed containers may swell and rupture when exposed to extreme heat. Water spray may be used to cool containers. Avoid spraying of water directly into containers of burning material as frothing may result.

Water runoff may cause environmental damage. Dike and collect water used to fight fires.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Individuals involved in clean up activities must use appropriate protective equipment as listed in section 8. This material forms slippery surfaces on floors, posing an accident risk.

Environmental Precautions

If material is released into the environment (air, land, water - via sewage system), the user should determine whether spill must be reported to appropriate local, state and/or federal authorities.

Spill Response Procedures

Shovel dry material into suitable container for disposal, avoid creating dusty conditions.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin and clothing

Do not breath dust.

Wash thoroughly after handling

Storage

Keep container closed.

Empty containers may retain product residue, precautions apply to empty containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the limit.

Personal Protective Equipment:

Eye/Face - Wear safety glasses with side shields (or goggles) and a face shield.

Respiratory - A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be used when respiratory protection is required.

Skin/Body - For brief contact, body covering-clothing should be worn. Use neoprene or Butyl rubber gloves.

Other Precautions - Safety shower and eye wash station should be located in exposure area. Reduce exposure by proper use of personal protective equipment. Wash hands and face before eating, drinking or smoking.

Occupational Exposure Limits

Particles not otherwise classified (PNOC)-15 mg/m³ (TWA) - Total Dust : 5 mg/m³ (TWA) - Respirable Fraction - (OSHA) 10 mg/m³ (TWA) - (ACGIH)

TWA - Time weighted average

STEL - Short term exposure limits

OSHA - Occupational safety and health administration

ACGIH - American conference of governmental industrial Hygienists.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: mild, Characteristic

APPEARANCE: Yellowish powder

COLOR: Yellowish

pH: Not Applicable

MELTING POINT: 70 ± 5°C

ACID VALUE : 3.0 Max.

IODINE VALUE : 45 ± 5

TOTAL AMINE VALUE : 3.0 Max.

SOLUBILITY IN WATER (% wt): Insoluble

EVAPORATION RATE: Not available

SPECIFIC GRAVITY: Not available

VISCOSITY: Not Applicable

MOLECULAR FORMULA: Mixture. Not applicable.

MOLECULAR WEIGHT: Mixture. Not applicable.

COEFF. OIL/WATER: Not available

10. STABILITY AND REACTIVITY

Conditions to Avoid

Stability : Stable

Conditions to Avoid : High temperatures

Materials to Avoid : Oxidizing materials

Hazardous Decomposition products : Oxides of carbon and nitrogen may be emitted if Product burns

Hazardous Polymerization : Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE

No data available

MUTAGENICITY: Not Available

REPRODUCTIVE EFFECTS: Not Available

TERATOGENIC EFFECTS: Not Available

12. ECOLOGICAL INFORMATION

There is no ecological data available on the product.

13. DISPOSAL CONSIDERATIONS

As originally offered, this product if disposed of, is not considered a hazardous waste under current Resource Conservation and Recovery Act (RCRA) regulations should also be consulted regarding proper disposal.

14. TRANSPORT INFORMATION

Land : Department of Transportation (DOT)- Not Regulated

Air : International Air Transport Association (IATA) - Not Regulated

Sea : International Maritime Organization (IMO) - Not Regulated

15. REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT)

The component(s) of this product are listed on the TSCA Chemical Substances Inventory.

Superfund Amendments and Reauthorization Act (SARA Title III)

Section 311/312 Hazard Category Immediate Health Hazard

Section 313 Listed Chemical Components

Chemical name or category : None

CAS# : NA

Concentration : NA

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MATERIAL SAFETY DATA SHEET

International Regulations
Canadian Environmental Protection Act (CEPA)
Listed in the Domestic Substance List

European Inventory of Existing Commercial Chemical Substances (EINECS) - Listed

Japanese List of Existing and New Chemical Substances (as regulated by the Ministry of International Trade and Industry - MITI)

Australian Inventory of Chemical Substances (AICS) - Listed

European Communities (EC) Classification
Hazard symbol(s).....: X, (Irritant)
Risk Phrases : R36/37/38 - Irritating to eyes, respiratory system and skin.
Safety Phrases: S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

REASON FOR ISSUE: Revision of MSDS

PERSONAL PROTECTION

Eyewash station and safety shower in the work area are recommended.

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS) RATING

Health : 2
Reactivity : 0
Flammability : 1

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

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