

Material Safety Data Sheet



PRODUCT NAME: ETHYLENE BIS STEARAMIDE SF POWDER

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: ETHYLENE BIS STEARAMIDE SF POWDER
DATE: October 2, 2013

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

TELEPHONE: (866) 226 – 3834
FAX: (215) 591 – 3620
EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION / INFORMATION ON INGREDIENTS

Composition	Chemical Formula	CAS No.	Weight %	EC No	EC Symbol	EC R-Phrases
Ethylene bis-stearamide	$\text{CH}_3(\text{CH}_2)_n\text{CONHCH}_2\text{CH}_2\text{NHOC}(\text{CH}_2)_n\text{CH}_3$ N=14,16	110-30-5	90 min	203-755-6	Xi	R36/37/38
Stearic Acid	RCOOH	67701-03-5	Low	266-928-5	Xi	R36/38

HAZARD IDENTIFICATION

This product is classified as Xi (Irritant), R 36/37/38 (Irritating to eyes, respiratory system and skin).

FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing. Wash the contaminated skin gently and thoroughly with running water and soap or mild detergent.

EYE CONTACT: Check for and remove any contact lenses. Immediately flush eyes with running water or eye saline for at least 15 minutes, keeping eyelids open. Do not use eye ointment. Seek medical attention.

INGESTION: Wash mouth out thoroughly with water. In severe cases get medical attention.

INHALATION: Move the victim to a safe area as soon as possible. If the victim is not breathing, perform mouth to mouth resuscitation. Administer oxygen if available. Allow the victim to rest in well ventilated area. Seek medical attention.

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Small Fire: Use dry chemical, carbon dioxide, water spray, or foam
Large Fire: Use water spray, fog or foam.

EXPLOSION HAZARD: May cause dust explosion.

FLASH POINT: 287°C (Cleveland open cup)

FIRE HAZARD: Slight fire hazard when exposed to heat or flame.

FIRE FIGHTING INSTRUCTIONS: Remove container from area of fire if possible.
Do not scatter spilled material with high pressure water stream.
Avoid inhalation of vapors in all circumstances.

ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

Prevent discharge of larger quantities to drain or water courses. Dike and contain spill with inert material (sand, earth, etc.).
Transfer the solid to containers for disposal according to local regulations.

HANDLING AND STORAGE

HANDLING: Use gloves and wear goggles when handling. Avoid breathing dusts from this material. Wash thoroughly after handling

STORAGE: Store away from incompatible substances. Observe all federal, state and local regulations when storing this substance.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT: No occupational exposure limits established by OSHA, ACGIH, or NIOSH.

ENGINEERING MEASURES: Eye wash facility is recommended

PERSONAL PROTECTIVE EQUIPMENT:

HAND/SKIN PROTECTION: Use appropriate protective gloves/clothing
EYE PROTECTION: Wear approved safety goggles or face-shield.
RESPIRATORY: Required when dusts are generated.

INDUSTRIAL HYGIENE: Normal standards of industrial hygiene should be observed.

PHYSICAL AND CHEMICAL REACTIVITY

FORM & APPEARANCE: White to yellow solid

ODOR: Slight fatty odor

MELTING POINT/MELTING RANGE: 140 - 145°C

BOILING POINT/BOILING RANGE: Not available

VAPOR PRESSURE: Not available

VAPOR DENSITY: Not available

SPECIFIC GRAVITY (160-170°C): 0.8 – 0.9

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PHYSICAL AND CHEMICAL REACTIVITY, cont.

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SOLUBILITY IN WATER: Insoluble
BULK DENSITY (g/cm³): 0.4 – 0.6
% VOLATILE BY WEIGHT: <0.5%

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STABILITY AND REACTIVITY

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CONDITIONS TO AVOID: Excessive heat, spark or flame.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, carbon monoxide, carbon dioxide.
INCOMPATIBLE MATERIAL: This product may react with strong oxidizing agents.

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TOXICOLOGICAL INFORMATION

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TOXICITY DATA:
Acute oral effect:LD50 Not available
Acute inhalation effect:LC-50 Not available

CARCINOGENICITY: No evidence of carcinogenic properties

MUTAGENICITY: No evidence of mutagenic properties

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ECOLOGICAL INFORMATION

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BIODEGRADATION: This product is not biodegradable
BIOLOGICAL EFFECTS: No data available
AQUATIC TOXICITY: No data available on the adverse affects of this material on the environment.

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DISPOSAL INFORMATION

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Disposal method should be in accordance with local, state, national environment laws and regulations.

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TRANSPORT INFORMATION

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US Dot Description: Refer to bill of lading or container label for DOT classification.
ICAO/IATA Description: Not classified as dangerous good in transport
IMDG Description: Not classified as dangerous good in transport
ADR, RID Description: Not classified as dangerous good in transport

REGULATORY INFORMATION

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE FOLLOWING INVENTORIES:

TSCA (USA):	Yes
DSL (CANADA):	Yes
EINECS/ELINCS/Polymer/NLP (EUROPE):	Yes
ENCS (JAPAN):	Yes
AICS (AUSTRALIA):	Yes
ECL (KOREA):	Yes
IECSC 2003 (CHINA):	Yes
PICCS (Philippines):	Yes

ADDITIONAL INFORMATION

HMIS Information: Health: 1 Flammability: 1 Reactivity: 0

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.