

# Material Safety Data Sheet



PRODUCT NAME: ETHYLENE BIS STEARAMIDE BEADED

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: ETHYLENE BIS STEARAMIDE BEADED  
DATE: January 15, 2009

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.

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**FIRE FIGHTING MEASURES**

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**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.

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**ACCIDENTAL RELEASE MEASURES**

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**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.

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**HANDLING AND STORAGE**

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**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.

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**EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**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.

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PHYSICAL AND CHEMICAL REACTIVITY

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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  
SOLUBILITY IN WATER: Insoluble  
BULK DENSITY (g/cm<sup>3</sup>): 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.  
HAZZARDOUS 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

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REGULATORY INFORMATION

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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

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ADDITIONAL INFORMATION

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**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.