



Safety Data Sheet (SDS)

Revision / Review Date: 11/17/14

1. Chemical Product and Company Identification

Product Name:	Kemamide E
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
MSDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Erucamide
CAS No:	112-84-5
Product Use:	Release agent.

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

2. Hazard(s) Identification

<u>Warning:</u>	Usual hazards associated with organic dusts. The possibility of explosions exists under dusty conditions. Avoid dusting when handling and avoid all possible sources of ignition (spark and flame). Molten product may cause thermal burns.
<u>Eye Contact:</u>	May cause eye irritation; Molten product may cause thermal burns.
<u>Skin Contact:</u>	May cause mild skin irritation: Molten product may cause thermal burns.
<u>Ingestion:</u>	Large oral doses may cause irritation to the gastrointestinal tract.
<u>Inhalation:</u>	Excessive inhalation of dust or heated vapors may cause irritation to the respiratory tract.
<u>Chronic:</u>	No data available.
<u>GHS label elements, including precautionary statement:</u>	
<u>Pictogram/signal word/hazards statement:</u>	None

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash skin thoroughly after handling
P280	Wear protective gloves/eye protection/face protection
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. Composition / Information on Ingredients

INGREDIENT(S)	CAS	EINEC No.	% BY WEIGHT
13-Docosenamide, (Z)-	112-84-5	204-009-2	100

No Hazardous Ingredient

4. First Aid Measures

<u>Inhalation:</u>	Remove to fresh air.
<u>Eyes:</u>	Immediately flush eyes with water and continue washing for at least 15 minutes. If redness or irritations occurs, seek medical attention. WHNE MOLTEN ONLY (MOLTEN PRODUCT CAN CAUSE THERMAL BURNS). - Obtain medical attention immediately. Immediately flush eyes with water and continue washing for at least 15 minutes. If redness or irritation occurs, seek medical attention.
<u>Skin:</u>	Wash skin thoroughly with soap and water for at least 15 minutes. If redness or irritations occurs, seek medical attention. WHEN MOLTEN ONLY (molten product can cause thermal burns.) - For contact with hot molten material, cool burned skin area by immersing in cold water or apply cold water.
<u>Ingestion:</u>	No emergency care anticipated. WHEN MOLTEN ONLY (molten product can cause thermal burns.) -Obtain medical attention immediately.

5. Fire-Fighting Measures

<u>Flash point:</u>	220 C° (428°F)
<u>Suitable Extinguishing Media:</u>	Dry chemical, water spray, CO2, foam, fry powder (ABC-powder)
<u>Special Fire Fighting Procedures:</u>	Do not direct solid stream of water or foam into burning molten material this may cause spread the fire.
<u>Hazardous Combustion Products:</u>	Carbon monoxide: carbon dioxide, Oxides of nitrogen.

Special protective equipment for firefighting: Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Environmental Precautions: This product is insoluble el in water and will float on the surface.

Methods for cleaning up: Avoid dust formation. Avoid dispersion of dust. Sweep up and collect in a suitable container for disposal. Observe government regulations.

7. Handling and Storage:

Handling: Avoid breathing dust. Avoid dispersion of dust to reduce fire and explosion potential.

Storage: Normal precautions common to good safety practice should be followed in storage. Store at ambient temperature. Repair all broken containers immediately.

8. Exposure Controls / Personal Protection

Exposure limit values

Component	Type	Value	Remark
Particulate not otherwise regulated	TWA, ACGIH	10 mg/m3	Total inhalable dust
	TWA-ACGIH	3.0 mg/m3	Respirable fraction
	TWA, OSHA	5.0 mg/m3	Respirable fraction
	TWA, OSHA	15.0 mg/m3	Total dust

No other exposure limits have been established. Consult local authorities for acceptable provincial values

Engineering Measures	Use local ventilation or engineering controls as needed to maintain personnel exposure below the exposure limits
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Hygiene Measures	Handle in accordance with good industrial hygiene and safety practices.
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Respiratory Protection: Dust respirator, fi dusting conditions exist.

Protective Gloves: Neoprene, Heat protective impervious gloves when handling molten product.

Eye Protection: Monogoggles. Personal protective, When MOLTEN ONLY., splash-proof goggles, full face shield.

Skin and Body Protection: Rubber or plastic apron, Use heat protective equipment (such As gloves, long sleeves, and aprons) When handling molten material.

9. Physical and Chemical Properties

Physical State	Solid
Color	Off-White
Odor	Slight Faint
Boiling Point	>288°C (>550 °F)
Melting Point	75 °C (167°F) - 85°C (185 °F)
Density	~0.88 g/cm ³ at 25° C 0.815 g/cm ³ at 130°C
Vapor pressure	Negligible
Solubility in water	Insoluble
Autoignition temperature	Not available
Upper explosion limits	Not available
Lower explosion limits	Not available
Flash point	220 °C (428°F) Method: Pensky-Martens closed cup ASTM D 93
Percent volatiles	0%(m)

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Strong oxidizing agents
<u>Conditions to Avoid:</u>	None known.
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur
<u>Hazardous decomposition products:</u>	Carbon monoxide: Carbon dioxide.

11. Toxicological Information

Acute effects

EYES:	May cause slight irritation.
SKIN CONTACT:	May cause slight irritation. LD ₅₀ Species: Rabbit Result: Slight erythema, slight edema Classification: Not irritant Remark 0,5 ml; occlusive
SKIN ABSORPTION:	Low acute toxicity
INHALATION :	Dust may cause irritation of the respiratory tract
SWALLOWING:	Low acute toxicity LD ₅₀ Rats (Males) Results: >10,000mg/kg
Dermal LD₅₀:	No data available
Oral LD₅₀:	No data available
Inhalation LC₅₀:	No data available

12. Ecological Information

No data available. Not expected to be acutely toxic to aquatic organisms.

13. Disposal Considerations

Reclaim or Dispose of material in accordance with all applicable local, state, and federal regulations.

14. Transport Information

D.O.T. Shipping Name Not regulated
Air - ICAO (international Civil Aviation Organization) Not regulated
Sea - IMDG (International Maritime Dangerous Goods) Not regulated

15. Regulatory Information

UNITED STATES

SARA Title III (Superfund Amendments and Reauthorization Act)

313 Reportable Ingredients: None

302/304 Emergency Planning

Emergency Plan: None

EPA Hazard Categories

SARA 311/312: None

CERCLA (Comprehensive Response, Compensation and Liability Act)

CERCLA RQ: None

TSCA (Toxic Substance Control Act)

TSCA Status: This product is on the TSCA inventory

New Jersey Worker and Community Right – To- Know Act (Labeling Requirements)

Chemical Name	CAS Number	New Jersey TS Number
13-Docosenamide, (Z)-	112-84-5	

California Proposition 65 Does not contain any contaminants or byproducts known by the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 Safe Drinking Water and Toxic Enforcement Act.

CANADA

WHMIS CLASSIFICATION: Not A WHMIS controlled product

CPR Compliance This Product has been classified with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR

Domestic Substance List (Inventory): This product is on the DSL

Chemical Inventory

Canada: This product is on the DSL.

Europe: This product is on the EINECS inventory.

United States: This product is on the TSCA inventory.

Australia: This product is on the AICS inventory.

China: This product is on the IECSC Inventory.

Japan: This product is on the ENCS inventory.

Korea: This product is listed on the Existing Chemicals List (ECL).

Taiwan This product is listed on the National Existing Chemical Substance Inventory (NECSI)

Philippines: This product is on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

16. Other Information

HMIS Rating

HEALTH:	1	FLAMMABILITY:	1	PHYSICAL HAZARD:	0	PERSONAL PROTECTION:	
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The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.