



Safety Data Sheet (SDS)

Revision / Review Date: 11/19/2014

1. Chemical Product and Company Identification

Product Name:	Kemamide U
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:	Oleamide
CAS No.	301-02-0
EC No.:	206-103-9
OSHA Status	Not Hazardous

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

Immediate concerns: Usual hazards associated with organic dusts. The possibility of explosion exists under dusty conditions. Avoid dusting when handling and avoid all possible sources of ignition (Spark and Flame). Molten product may cause thermal burns.

Potential acute health effects:

Eye Contact: May cause eye irritation; Molten product may cause thermal burns.

Skin Contact: May cause mild skin irritation; Molten product may cause thermal burns.

Ingestion: Large oral doses may cause irritation to the gastrointestinal tract.

Inhalation: Excessive inhalation of dust or heated vapors may cause irritation to the respiratory tract.

GHS Label elements, including precautionary statements:

Pictogram/Signal word/Hazard statement: None

3. Composition / Information on Ingredients

INGREDIENT(S)	CAS	EINEC No.	% BY WEIGHT
9-Octadecenamide, (Z) No Hazardous Ingredients	301-02-0	206-103-9	100

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 irritation occurs, seek medical attention. WHEN MOLTEN ONLY (molten product can cause thermal burns) – Obtain medical attention immediately Immediately flush eyes with water and continue washing for a 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 irritation occurs, seek medical attention. WHEN MOLTEN ONLY (molten product can cause thermal burn)- For contact with hot molten material, cool burned skin area by immersing in cold water or apply cold water.
<u>Ingestion:</u>	Obtain medical attention. WHEN MOLTEN ONLY (molten product can cause thermal burns) - Obtain medical attention immediately.

5. Fire-Fighting Measures

<u>Flash point:</u>	205 °C (401 °F)
<u>Suitable Extinguishing Media:</u>	Dry chemical, water spray, CO2, foam.
<u>Special Fire Fighting Procedures:</u>	Do not direct a solid stream of water or foam into burning molten material: this may cause spattering and spread the fire.
<u>Hazardous Combustion Products:</u>	Carbon monoxide; Carbon dioxide; Oxides of nitrogen.
<u>Special protective equipment for firefighting:</u>	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

<u>Steps to be taken in case material is Spilled:</u>	Avoid dust formation. Avoid dispersion of dust. Sweep up and collect in suitable container for disposal.
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<u>Environmental Precautions:</u>	This product is insoluble in water and will float on the surface.
<u>Waste Disposal:</u>	Reclaim or dispose of in accordance with local, state, and federal regulations

7. Handling and Storage:

<u>Handling:</u>	Avoid breathing dust. Avoid dispersion of dust to reduce fire and explosion potential.
<u>Storage:</u>	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
Particulates not otherwise regulated	TWA, OSHA	15 mg/m ³	Total dust for nuisance particulates
	TWA, OSHA	5 mg/m ³	Respirable fraction
	TWA - ACGIH	10 mg/m ³	Total inhalable dust
	TWA - ACGIH	3 mg/m ³	Respirable fraction

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 TLV
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practices.

<u>Respiratory Protection:</u>	Use NIOSH certified dust mask and/or respirator where appropriate.
<u>Protective Gloves:</u>	Neoprene, heat protective impervious gloves when handling molten products.
<u>Eye Protection:</u>	Monogoggles.
<u>Skin and Body Protection:</u>	Rubber or plastic apron.

9. Physical and Chemical Properties

Physical State	solid
Color	Off-white to tan
Odor	Slight fatty
Boiling Point	>260 °C (550 °F)

Melting Point	68 °C (154 °F) - 78 °C (172 °F)
Solubility in water	Insoluble
Density	<1.0 g/cm ³ @ 25 °C
Vapor pressure	Negligible
Autoignition temperature	Not available
Upper explosion limits	Not available
Lower explosion limits	Not available
Flash point	205 °C (401 °F) Method: Pensky-Martens open 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

11. Toxicological Information

<u>Eyes:</u>	May cause slight irritation.
<u>Skin Contact:</u>	May cause slight irritation. Results- species: Rabbit: Slight Erythema, slight edema: Classification; not irritant; Remark 0.5 ml; occlusive.
<u>Skin Absorption:</u>	Low acute toxicity.
<u>Inhalation:</u>	Dust may cause irritation of the respiratory tract.
<u>Swallowing:</u>	Low acute toxicity Results- Rat (male); Result: >10.000 mg/kg

12. Ecological Information

<u>Eco toxicological Information:</u>	No data available.
<u>Bio accumulative Potential:</u>	Bio accumulative unlikely.
<u>Comments:</u>	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

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

CERCLA (Comprehensive Response, Compensation and Liability Act)

CERCLA RQ: None

EPA Hazard Categories

SARA 311/312: 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	C.A.S. Number	New Jersey TS Number
Oleamide	301-02-0	

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 (NE CSI)
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.