



# MATERIAL SAFETY DATA SHEET

## ***KEMAMIDE® OR POWDER***

Version: 1.2  
DATE OF ISSUE: 01/08/2006  
Date printed: 04/22/2006

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### **1. PRODUCT AND COMPANY IDENTIFICATION**

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**Product name :** KEMAMIDE® OR POWDER

**Chemical name:** Oleamide

**Use of substance/preparation:** No specific information.

**Supplier:** Chemtura USA Corporation  
Chemtura Corporation (Worldwide HQ)  
199 Benson Road  
Middlebury, CT 06749 USA

**Emergency telephone number** CHEMTREC (24 hours) 800-424-9300  
Chemtura Corporation Emergency Response  
(24 hours) 800-292-5898  
**For additional emergency telephone numbers  
see section 16 of the Safety Data Sheet.**

**Environmental, Health and Safety Department:** 866-430-2775

**Customer Service:** 877-948-2660

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### **2. COMPOSITION / INFORMATION ON INGREDIENTS**

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INGREDIENT	% BY WEIGHT
9-Octadecenamide, (Z) CAS# 301-02-0	

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### **3. HAZARDS IDENTIFICATION**

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#### **EMERGENCY OVERVIEW**

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).



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**4. FIRST AID MEASURES**

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**Swallowing**

Obtain medical attention.

**Skin contact**

Wash skin with soap and water., For contact with hot molten material, cool burned skin area by immersing in cold water or apply cold water.

**Inhalation**

Remove to fresh air.

**Eye contact**

Flush eyes thoroughly with water for several minutes., Obtain medical attention if discomfort persists.

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**5. FIRE-FIGHTING MEASURES**

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**Flash point:** 401 °F 205 °C

**Flammable limits**

Lower limit:	Not available
Upper limit:	Not available

**Autoignition**

**temperature:** Not available

**Hazardous combustion products**

Burning can produce the following combustion products:

- Carbon monoxide.
- Carbon dioxide.
- Oxides of nitrogen.

**Special fire fighting procedures**

Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.

**Special protective equipment for firefighters**

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

**Extinguishing media**

Suitable: Extinguish with:

- dry chemical
- water spray
- CO2
- foam



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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions**

Avoid dust formation., In case of occurrence of dust respiratory protective equipment required.

**Environmental precautions**

This product is insoluble in water and will float on the surface., Prevent from entering sewer system or surface water.

**Methods for cleaning up**

Avoid dispersion of dust.  
Eliminate sources of ignition.  
Sweep up and collect in a suitable container for disposal.  
Sweep up using non-sparking equipment.  
Observe government regulations.

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**7. HANDLING AND STORAGE**

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**HANDLING**

**Handling precautions**

Avoid breathing dust., Avoid dispersion of dust to reduce fire and explosion potential., Keep container tightly closed.

**STORAGE**

**Storage requirements**

Store at ambient temperature., Repair all broken bags immediately.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**EXPOSURE LIMIT VALUES**

<u>Component</u>	<u>Type</u>	<u>Value</u>	<u>Remark</u>
Particulates not otherwise regulated	TWA, OSHA	15.0 mg/m <sup>3</sup>	Total dust
	TWA, OSHA	5.0 mg/m <sup>3</sup>	Respirable fraction
	TWA - ACGIH	10.0 mg/m <sup>3</sup>	Total inhalable dust
	TWA - ACGIH	3.0 mg/m <sup>3</sup>	Respirable fraction

**PERSONAL PROTECTION**

**Respiratory protection**

Use NIOSH/MSMA certified dust mask and/or respirator where appropriate.



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### **Hand protection / protective gloves**

Neoprene

### **Eye protection**

Monogoggles

### **Skin protection**

Rubber or plastic apron

## **ENGINEERING CONTROLS**

### **Ventilation**

Adequate ventilation to keep dust level below TLV.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **APPEARANCE**

Physical state	Powder
Color	Off-white
Odor	Slight fatty

### **OTHER PROPERTIES**

Boiling point	> 260 °C > 500 °F
Melting point	68 - 78 °C 154 - 172 °F
Solidification	Not available
pH	Not available
Density	~ 0.89 g/cm <sup>3</sup>
Solubility in water	Insoluble
Solubility in organic solvents	No data available.
Partitioning coefficient	Not available
Flash point	401 °F 205 °C Method: Pensky-Martens closed cup ASTM D 93
Autoignition temperature	Not available
Upper explosion limits	Not available



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Lower explosion limits	Not available
Percent volatiles	0 %(m)

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## 10. STABILITY AND REACTIVITY

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**Stability:** Stable.

**Stability - Conditions to avoid**  
Stable under normal conditions.

**Incompatible materials**  
Strong oxidizing agents.

**Hazardous combustion products**  
Burning can produce the following combustion products:  
Carbon monoxide.  
Carbon dioxide.  
Oxides of nitrogen.

**Hazardous polymerization:** Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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### GENERAL

No information available.

### SWALLOWING

#### Acute effects

Low acute toxicity.

#### Test results

Acute toxicity: LD50 Rat  
Result: > 10,000 mg/kg

### SKIN ABSORPTION

#### Acute effects

Low acute toxicity.

### INHALATION

#### Acute effects

Dust may cause irritation of the respiratory tract.

### SKIN CONTACT

#### Acute effects

May cause slight irritation.

### EYE CONTACT



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### **Acute effects**

May cause slight irritation.

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## **12. ECOLOGICAL INFORMATION**

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Not expected to be acutely toxic to aquatic organisms.

### **Additional information**

No results from ecotoxicological tests are available.

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## **13. DISPOSAL CONSIDERATIONS**

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**General:** It is our opinion this product is not a RCRA hazardous waste. It is the generator's responsibility to make their own determination as to the RCRA status of waste they generate. We have not performed a Toxicity Characteristic Leachate Procedure (TCLP) on this product., Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

### **Non-cleaned packages**

Subject completely emptied paper bags to paper recycling.

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## **14. TRANSPORT INFORMATION**

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### **DOT Classification**

This product is not regulated by DOT.

### **IMDG Classification**

This product is not regulated by IMDG.

### **ICAO Classification**

This product is not regulated by ICAO.

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## **15. REGULATORY INFORMATION**

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Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

\*\*\*\* NONE \*\*\*\*

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on



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**Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304).**

Components present in this product at a level which could require reporting under the statute are:  
 None.

**Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.**

Components present in this product at a level which could require reporting under the statute are:  
 None.

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

Chemical name	CAS#	New Jersey TS Number
9-Octadecenamide, (Z)	301-02-0	

EPA Hazard Categories (SARA 311, 312): None

**CHEMICAL INVENTORY**

Canada: This product is on the DSL.  
Europe: This product is on the EINECS inventory. 206-103-9  
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).  
Philippines: This product is on the PICCS.

**16. OTHER INFORMATION**

***Emergency Telephone Numbers***

<b>Latin America:</b>	All	+44 (0)208 762 8322
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**HMIS RATING**

Health: 1	Flammability: 1	Reactivity: 0	PPI:
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STP	Standard temperature and pressure
W/W	0 (HMIS)
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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