



MATERIAL SAFETY DATA SHEET

KEMAMIDE® W-20

Version: 1.1
Date of Issue: Jan 10, 2011
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1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KEMAMIDE® W-20

Chemical name: Ethylene bisoleamide

Use of substance/preparation: No specific information

Supplier: Chemtura Corporation
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

Environmental, Health and Safety Department: 866-430-2775
Customer Service: 877-948-2660

Prepared by Product Safety Department **Date of Issue:** 06/27/2007
(US) +1 866-430-2775
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Email: MSDSRequest@chemtura.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MOLTEN PRODUCT MAY CAUSE THERMAL BURNS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
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Ethylene bisoleamide
CAS# 110-31-6



KEMAMIDE® W-20

4. FIRST AID MEASURES

Swallowing

No emergency care anticipated.

Inhalation

Remove to fresh air.

Skin contact

Wash skin with soap and water. WHEN MOLTEN ONLY (molten product can cause thermal burns) - Cool with water or ice.

Eye contact

WHEN MOLTEN ONLY (molten product can cause thermal burns) - Flush eyes thoroughly with water for several minutes. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: 536 °F 280 °C

Hazardous 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

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions

This product is insoluble in water and will float on the surface.

Methods for cleaning up

Transfer liquids and solid diking material to suitable containers for recovery or disposal.
Allow remaining liquid to solidify, then shovel into containers.
Observe government regulations.

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Exercise suitable precautions to avoid thermal burns. Product is normally maintained in a heated, liquid form.

STORAGE

Storage requirements

Normal precautions common to good safety practice should be followed in storage.



KEMAMIDE® W-20

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

PERSONAL PROTECTION

Respiratory protection

Do not breathe hot vapors., Self-contained breathing apparatus may be needed if product is used in a confined or poorly ventilated area.

Hand protection / protective gloves

Heat resistant gloves.

Eye protection

Monogoggles

Skin protection

Rubber or plastic apron

ENGINEERING CONTROLS

Ventilation

General (mechanical) room ventilation is expected to be satisfactory where this product is stored and handled in closed equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Solid
Color	Off-white
Odor	Slight fatty

OTHER PROPERTIES

Boiling point	> 260 °C > 500 °F
Melting point	120 °C 248 °F
Vapor pressure	
Solubility in water	Insoluble
Flash point	536 °F 280 °C Method: Pensky-Martens closed cup ASTM D 93
Percent volatiles	0 %(m)

10. STABILITY AND REACTIVITY

Stability: Stable.

Stability - Conditions to avoid:

Stable under normal conditions.

Incompatible materials:

Strong oxidizing agents.



KEMAMIDE® W-20

Hazardous combustion products:

Carbon monoxide.
Carbon dioxide.
Oxides of nitrogen.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

SWALLOWING

Acute effects
Low acute toxicity.

Test results

Acute toxicity: LD50 Rats
Result: > 5,000 mg/kg

SKIN ABSORPTION

Acute effects
Low acute toxicity.

INHALATION

Acute effects
Vapor or mist from heated material may cause irritation of the respiratory tract.

SKIN CONTACT

Acute effects
WHEN MOLTEN ONLY (molten product can cause thermal burns).

EYE CONTACT

Acute effects
Molten product may cause thermal burns.

12. ECOLOGICAL INFORMATION

Not expected to be acutely toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

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

Dispose of washing solution in the same way as product.

14. TRANSPORT INFORMATION

DOT Classification

This product is not regulated by DOT.



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KEMAMIDE® W-20

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

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 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
Ethylene bisoleamide	110-31-6	

EPA Hazard Categories (SARA 311, 312): None

CHEMICAL INVENTORY

<u>Canada:</u>	This product is on the DSL.
<u>Europe:</u>	This product is on the EINECS inventory. 203-756-1
<u>United States:</u>	This product is on the TSCA inventory.
<u>Australia:</u>	This product is on the AICS inventory.
<u>China:</u>	This product is on the IECSC Inventory.
<u>Japan:</u>	This product is on the ENCS inventory.
<u>Korea:</u>	This product is listed on the Existing Chemicals List (ECL).
<u>Philippines:</u>	This product is on the PICCS.

16. OTHER INFORMATION

HMIS RATING

Health: 1	Flammability: 1	Reactivity: 0	PPI:
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MATERIAL SAFETY DATA SHEET

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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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