

Material Safety Data Sheet

VERSAMID 125

Page 1 of 8

SDS no 12271

Revision: 12/03/2009

printing date: 01/14/2010

1. Chemical product and company identification

Product name:
VERSAMID 125

CAS:
68410-23-1

Product use:
Additive

Supplier
Cognis Corporation
5051 Estecreek Drive
Cincinnati, OH 45232-1446
USA
Phone: +1 (866) 910-0598
Fax-no.: +1 (513) 482-3576

Emergency Information Chemtrec:
+1-800-424-9300

2. Composition / information on ingredients

General chemical description:
Polyamide Resin

<u>COMPONENT:</u>	<u>CAS-No.</u>	<u>CONCENTRATION (Wt. %):</u>
Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines	68410-23-1	100

3. Hazards identification

EMERGENCY OVERVIEW

Warning: Causes serious eye irritation.
May cause an allergic skin reaction.

Delivery state:
liquid

State:
viscous
liquid

Odor:

Material Safety Data Sheet

VERSAMID 125

Page 2 of 8
SDS no. : 12271
Revision: 12/03/2009
printing date: 01/14/2010

ammoniacal

Color(s):
amber

Routes of entry:
Inhalation, Skin contact

Potential Health Acute Effects:

Inhalation:
May cause respiratory irritation.

Skin contact:
Moderately irritating to the skin.
May cause an allergic skin reaction.

Eye contact:
Causes serious eye irritation.

Ingestion:
May cause burns to the mouth, throat, and stomach.

Potential Chronic Health Effects:
None known

4. First aid measures

After inhalation:
Move to fresh air.
If adverse health effects develop seek medical attention.

After skin contact:
Rinse with plenty of water.
Remove contaminated clothes.
Get medical attention.

After eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention.

After ingestion:
Do not induce vomiting.
Seek medical attention immediately.
Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing.

Material Safety Data Sheet

VERSAMID 125

Page 3 of 8
SDS no 12271
Revision: 12/03/2009
printing date: 01/14/2010

5. Fire fighting measures

Flash point:
> 500 °F (> 260.0 °C)
ASTM D 92-97; QP1363.2, Flash and Fire Points by Cleveland Open

Suitable extinguishing media:
Water Spray
Foam.
Carbon dioxide.
Dry Chemical

Special protection equipment for firefighters:
Wear full protective clothing.
Wear self-contained breathing apparatus.

Unusual fire or explosion hazards:
None known

Hazardous combustion products:
Irritating and toxic gases or fumes may be released during a fire.

6. Accidental release measures

Environmental precautions:
Collect rinsate for disposal.

Process for cleaning and take-up:
Pick up spilled material and containerize for recovery or disposal.
Using adequate protective equipment, add dry material to absorb spill (if large spill, first dike to contain).
Flush area with dilute (5%) acetic acid.

7. Handling and storage

Storage:
Storage conditions to keep:
Store in a cool, dry place.
Store in sealed original container.

Material Safety Data Sheet

VERSAMID 125

Page 4 of 8
SDS no. : 12271
Revision: 12/03/2009
printing date: 01/14/2010

8. Exposure controls / personal protection

Indication for system design:
Local exhaust ventilation recommended.

Personal protection measures:
Respiratory protection:
Respirator with organic vapor cartridge.
Not applicable with adequate ventilation.

Hand protection:
Protective gloves made of plastic.
Protective gloves made of rubber.

Eye protection:
Wear tight fitting goggles.

9. Physical and chemical properties

General description:
Delivery state: liquid
State: viscous
Odor: liquid
Color(s): ammoniacal
amber

Designation	Value	Method
Specific gravity	0.970	no method
Solubility in Water	Moderate - (1 to 10 %)	no information

10. Stability and reactivity

Stability:
Conditions to avoid:
None known

Material Safety Data Sheet

VERSAMID 125

Page 5 of 8
SDS no 12271
Revision: 12/03/2009
printing date: 01/14/2010

Dangerous decomposition products:
Low molecular weight hydrocarbons.

Decomposition advices:
No decomposition if used according to specifications

Reactivity:
Materials to avoid:
Oxidizers
Strong Acids

Hazardous polymerization:
Will not occur

11. Toxicological information

Acute oral toxicity:
LD50 > 5000 mg/kg body weight (Experiment)

Skin irritation:
moderately irritating (Experiment)
Method: Draize test

Eye irritation:
severely irritating (Experiment)
Method: Draize test

Sensitizing:
Dermal sensitization: sensitizing

12. Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Acute fish toxicity:
LC50 > 1 - <= 10 mg product/l.

Acute bacterial toxicity:
EC0 > 10 - <= 100 mg product/l.

Material Safety Data Sheet

Page 6 of 8

VERSAMID 125

SDS no. : 12271

Revision: 12/03/2009

printing date: 01/14/2010

Ultimate biodegradation:

The total of the organic components contained in the product achieve values below 60% BOD/COD or CO₂ liberation, or below 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are not reached.

13. Disposal considerations

Waste disposal of product:

Dispose of in an approved landfill in accordance with federal, state / provincial and local regulations.
This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261.

14. Transport information

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Environmentally hazardous substances, liquid, n.o.s. (dimer fatty acid(C18)poly amido amine resin)
Hazard class or division: 9
Danger Labels: 9
Identification number: UN 3082
Packing group: III
Marine pollutant: Marine Pollutant
ERG/EMS: 171
RQ: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (dimer fatty acid(C18)poly amido amine resin)
Hazard class or division: 9
Danger Labels: 9
Identification number: UN 3082
Packing group: III
RQ: None

Water Transportation (IMO/IMDG):

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dimer fatty acid(C18)poly amido amine resin)
Hazard class or division: 9
Danger Labels: 9
Identification number: UN 3082
Packing group: III
Marine pollutant: Marine Pollutant
ERG/EMS: F-A;S-F
RQ: None



Material Safety Data Sheet

VERSAMID 125

Page 7 of 8
SDS no 12271
Revision: 12/03/2009
printing date: 01/14/2010

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

15. Regulatory information

TSCA Inventory Status: This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

SARA 311/312 Hazard Categories: Immediate Health

TSCA 12(b) Components: none

SARA 313 Toxic Chemicals: none

SARA 302 Extremely Hazardous Substances: none

CERCLA Hazardous Chemicals: none

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

16. Other information

NFPA Rating (US)	Value
Health	3
Fire	1
Reactivity	0
Special Hazard	

HMIS Rating (US)	Value
Health	3
Flammability	1
Reactivity	0

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his

Cognis Corporation



Material Safety Data Sheet

Page 8 of 8

SDS no. 12271

VERSAMID 125

Revision: 12/03/2009

printing date: 01/14/2010

own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is being made as to the effects of such use, the results obtained, or the safety and toxicity of the product nor is their any assumed liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.