

# Safety Data Sheet

## Versamid® 125

Revision date : 2014/12/19

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Version: 2.0

(50223146/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## Versamid® 125

#### Recommended use of the chemical and restriction on use

\* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Synonyms: Polyamide Resin

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### 2. Hazards Identification

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

Acute Tox.	4 (dermal)	Acute toxicity
Skin Corr./Irrit.	1	Skin corrosion/irritation
Skin Sens.	1	Skin sensitization
Aquatic Acute	1	Hazardous to the aquatic environment - acute
Aquatic Chronic	1	Hazardous to the aquatic environment - chronic

#### Label elements

Pictogram:

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Signal Word:  
Danger

#### Hazard Statement:

H314 Causes severe skin burns and eye damage.  
H312 Harmful in contact with skin.  
H317 May cause an allergic skin reaction.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

#### Precautionary Statements (Prevention):

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P273 Avoid release to the environment.  
P260 Do not breathe dust or mist.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P264 Wash with plenty of water and soap thoroughly after handling.

#### Precautionary Statements (Response):

P310 Immediately call a POISON CENTER or doctor/physician.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303 + P361 + P352 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P391 Collect spillage.  
P362 + P364 Take off contaminated clothing and wash before reuse.

#### Precautionary Statements (Storage):

P405 Store locked up.

#### Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local regulations.

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### Emergency overview

#### WARNING:

Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Use with local exhaust ventilation.  
Wear suitable protective clothing, gloves and eye/face protection.  
Wear full face shield if splashing hazard exists.

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### 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

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<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
68410-23-1	>= 90.0 - <= 95.0 %	Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
112-24-3	>= 3.0 - < 7.0 %	triethylenetetramine

### According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
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112-24-3	3.0 - 7.0 %	triethylenetetramine

## 4. First-Aid Measures

### Description of first aid measures

#### If inhaled:

Fresh air. If adverse health effects develop seek medical attention.

#### If on skin:

After contact with skin, wash immediately with plenty of water. Remove contaminated clothing. Seek medical attention.

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

#### If swallowed:

Do not induce vomiting. Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

### Most important symptoms and effects, both acute and delayed

### Indication of any immediate medical attention and special treatment needed

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, foam, carbon dioxide, dry powder

### Special hazards arising from the substance or mixture

#### Advice for fire-fighters

Protective equipment for fire-fighting:  
Full-body protective clothing Wear a self-contained breathing apparatus.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

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### Environmental precautions

Collect rinsate for disposal.

### Methods and material for containment and cleaning up

For large amounts: Flush area with dilute ( 5%) acetic acid.  
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).

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## 7. Handling and Storage

### Precautions for safe handling

### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly sealed. Keep container dry. Keep in a cool place. Keep only in the original container.

Protect from temperatures below: 10 °C

Protect from temperatures above: 40 °C

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## 8. Exposure Controls/Personal Protection

### Advice on system design:

Local exhaust ventilation preferred.

### Personal protective equipment

#### Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour respirator. Not applicable with adequate ventilation.

#### Hand protection:

Plastic gloves, Rubber gloves

#### Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

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## 9. Physical and Chemical Properties

Form:	liquid, viscous	
Odour:	ammonia-like	
Odour threshold:		not determined
Colour:	amber	
pH value:		not applicable
solidification temperature:	15 - 20 °C	See user defined text.
boiling temperature:	> 200 °C	
Flash point:	> 180 °C	(ASTM D92)
Flammability:	not flammable	
Vapour pressure:	< 1 Pa	( 20 °C)
Density:	approx. 0.98 g/cm <sup>3</sup>	( 25 °C)
Relative density:	0.98	( 25 °C)

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Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	700 - 900 mPa*s ( 75 °C) (ASTM D 3236-88) 30,000 mPa*s ( 25 °C)
Solubility in water:	( 20 °C) insoluble
Solubility (qualitative):	Moderate - (1 to 10 %)

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### 10. Stability and Reactivity

#### Reactivity

#### Chemical stability

#### Possibility of hazardous reactions

Reacts with oxidizing agents. Reacts with strong acids.

#### Conditions to avoid

None if used for intended purpose.

#### Incompatible materials

None known during use and storage if used according to instructions.

#### Hazardous decomposition products

Decomposition products:

Low molecular weight hydrocarbons.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Primary routes of entry

Inhalation.

Dermal contact.

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: May cause burns to the mouth, throat, and stomach. May cause respiratory irritation.

##### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

##### Inhalation

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Type of value: ATE  
Value: > 20.0000 mg/l  
Determined for vapor

Type of value: ATE  
Value: > 5.0000 mg/l  
Determined for mist

### Dermal

Type of value: ATE  
Value: 1,470 mg/kg

### Irritation / corrosion

Assessment of irritating effects: May cause severe damage to the eyes.  
Moderately irritating to the skin.

### Skin

Species: rabbit  
Result: moderately irritating  
Method: Draize test

### Eye

Species: rabbit  
Result: Severely irritating.  
Method: Draize test

### Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

Result: sensitizing

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: None known

## **Symptoms of Exposure**

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## **12. Ecological Information**

### **Toxicity**

#### Toxicity to fish

LC50 (96 h) > 1 - 10 mg/l, Fish

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

bacteria/EC0 (0.5 h): > 10 - 100 mg/l

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The product has not been tested. The statement has been derived from the properties of the individual components.

### Persistence and degradability

#### Assessment biodegradation and elimination (H2O)

Not readily biodegradable (by OECD criteria). The product has not been tested. The statement has been derived from the properties of the individual components.

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## 13. Disposal considerations

### **Waste disposal of substance:**

Must be dumped in accordance with local regulations. This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261.

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## 14. Transport Information

### **Land transport**

USDOT

Hazard class: 9  
Packing group: III  
ID number: UN 3082  
Hazard label: 9, EHSM  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FATTY ACID AMIDOAMINE RESIN)

### **Sea transport**

IMDG

Hazard class: 9  
Packing group: III  
ID number: UN 3082  
Hazard label: 9, EHSM  
Marine pollutant: YES  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FATTY ACID AMIDOAMINE RESIN)

### **Air transport**

IATA/ICAO

Hazard class: 9  
Packing group: III  
ID number: UN 3082  
Hazard label: 9, EHSM  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FATTY ACID AMIDOAMINE RESIN)

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## 15. Regulatory Information

### **Federal Regulations**

#### **Registration status:**

Chemical TSCA, US released / listed

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**EPCRA 311/312 (Hazard categories):** Acute;

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
MA, NJ, PA	112-24-3	triethylenetetramine

### **NFPA Hazard codes:**

Health : 3      Fire: 1      Reactivity: 0      Special:

### **HMIS III rating**

Health: 3      Flammability: 1      Physical hazard: 0

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## 16. Other Information

### **SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2014/12/19

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