

Safety Data Sheet

Versamid® 115

Revision date : 2014/12/23

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Version: 1.0

(50223148/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

Versamid® 115

Recommended use of the chemical and restriction on use

Recommended use*: for industrial use only

* 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: Polyamdie Resin

2. Hazards Identification

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

Classification of the product

Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Skin Sens.	1B	Skin sensitization
Aquatic Chronic	1	Hazardous to the aquatic environment - chronic

Label elements

Pictogram:

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Signal Word:
Danger

Hazard Statement:

H318 Causes serious eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves and eye/face protection.
P273 Avoid release to the environment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
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):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P303 + P362 IF ON SKIN (or hair): Wash with plenty of soap and water.
P391 Collect spillage.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash before reuse.

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

CAUTION:

Risk of serious damage to eyes.
Irritating to skin.
Use with local exhaust ventilation.
Wear suitable protective clothing, gloves and eye/face protection.
Wear full face shield if splashing hazard exists.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
Trade Secret	$\geq 75.0 - \leq 100.0$ %	Polyaminoamide

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>
Trade Secret	$\geq 99.0 - \leq 100.0$	Polyaminoamide

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%

4. First-Aid Measures

Description of first aid measures

If inhaled:

Fresh air.

If on skin:

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing and shoes. Wash contaminated clothing before reuse. If irritation should develop, seek medical attention.

If in eyes:

Hold eyelids open to facilitate rinsing. Flush immediately with water for 20-30 minutes. Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Washing within one minute is essential to achieve maximum effectiveness. Immediate medical attention required.

If swallowed:

Do not induce vomiting. If vomiting occurs naturally, keep airway clear. Obtain medical attention. 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:
Wear a self-contained breathing apparatus.

Further information:

If exposed to fire, keep containers cool by spraying with water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Environmental precautions

Prevent entry into sewage systems, ground and surface waters.

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Methods and material for containment and cleaning up

Pick up spilled material and containerize for recovery or disposal.

7. Handling and Storage

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame.

Conditions for safe storage, including any incompatibilities

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

Protect from temperatures below: 10 °C

Protect from temperatures above: 40 °C

8. Exposure Controls/Personal Protection

Advice on system design:

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection:

Not applicable with adequate ventilation. Wear a NIOSH-certified (or equivalent) respirator as necessary. Follow manufacturer's recommendations.

Hand protection:

Chemical resistant protective gloves

Eye protection:

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

General safety and hygiene measures:

Adequate personal protective equipment should be worn by all personnel involved in the clean-up work.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	ammonia-like	
Colour:	amber	
pH value:		not applicable
solidification temperature:	15 - 20 °C	See user defined text.
boiling temperature:	> 200 °C	
Flash point:	> 180 °C	(ASTM D93)
Flammability:	not flammable	
Upper explosion limit:		Not determined.
Vapour pressure:	< 1 Pa	(20 °C)

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Density:	approx. 0.98 g/cm ³	(25 °C)
Relative density:	0.98	(25 °C)
Partitioning coefficient n-octanol/water (log Pow):		Study does not need to be conducted.
Self-ignition temperature:		not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:	3,100 - 3,800 mPa*s	(ASTM D 3236-88)
Solubility in water:		(20 °C) insoluble

10. Stability and Reactivity

Reactivity

Chemical stability

Possibility of hazardous reactions

Reacts with oxidizing agents. Reacts with strong acids.

Conditions to avoid

Incompatible materials

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

Hazardous decomposition products

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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.

Ingestion.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Considered practically non-toxic. May cause respiratory irritation. Virtually nontoxic after a single ingestion.

Oral

Type of value: LD50

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Species: rat
Value: > 5,000 mg/kg

Dermal

Type of value: ATE
Value: > 5,000 mg/kg

Irritation / corrosion

Assessment of irritating effects: Causes serious eye irritation. Causes skin irritation.
May cause severe damage to the eyes.
Skin contact causes slight irritation.

Skin

Species: rabbit

Eye

Species: rabbit

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: None known

Symptoms of Exposure

12. Ecological Information

Toxicity

Toxicity to fish

LC50 > 1 - 10 mg/l (DIN EN ISO 7346-2)

Aquatic invertebrates

EC50 > 0.1 - 1 mg/l (OECD Guideline 202, part 1)

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

DIN 38412 Part 8 EC0: > 100 mg/l

Persistence and degradability

Assessment biodegradation and elimination (H2O)

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

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)

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Acute;

NFPA Hazard codes:

Health : 2 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 2 Flammability: 1 Physical hazard: 0

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

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