

# Material Safety Data Sheet

According to EG 1907/2006



Date Updated: 13/02/2008

Version: 1.0

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<b>1. Identification of the substance and of the company</b>	
Product name	Poly(acrylamide) broad
<b>Manufacturer / supplier identification</b>	
Company	PSS Polymer Standards Service GmbH In der Dalheimer Wiese 5 D - 55023 Mainz
Technical Phone	+49 6131 - 96239 - 0
Fax	+49 6131 - 96239 -11
Email	Info@polymer.de
Emergency Phone	+49 6131 - 1924 - 0
<b>2. Composition / information on ingredients</b>	
CAS-No.:	9003-05-8
EC No.:	none
Molecular formula:	(C <sub>3</sub> -H <sub>5</sub> -N-O) <sub>n</sub>
<b>3. Hazards identification</b>	
SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT Caution: Substance not yet fully tested (EU).	
<b>4. First aid measures</b>	
AFTER INHALATION If inhaled, remove to fresh air.	
AFTER SKIN CONTACT In case of contact, immediately wash skin with soap and copious amounts of water.	
AFTER EYE CONTACT In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.	
<b>5. Fire fighting measures</b>	
CONDITIONS OF FLAMMABILITY Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air.	
EXTINGUISHING MEDIA Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.	
SPECIAL RISKS N/A	
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.	
<b>6. Accidental release measures</b>	
PROCEDURE(S) OF PERSONAL PRECAUTION(S) Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.	

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<b>METHODS FOR CLEANING UP</b> Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.	
<b>7. Handling and storage</b>	
<b>HANDLING</b> Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing.	
<b>STORAGE</b> Conditions of storage: Keep tightly closed. Store in a cool dry place.	
<b>8. Exposure controls / personal protection</b>	
<b>ENGINEERING CONTROLS</b> Safety shower and eye bath. Mechanical exhaust required.	
<b>GENERAL HYGIENE MEASURES</b> Wash thoroughly after handling. Remove and wash contaminated clothing promptly.	
<b>PERSONAL PROTECTIVE EQUIPMENT</b> Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN143) dust masks.	
<b>HAND PROTECTION</b> Compatible chemical-resistant gloves.	
<b>EYE PROTECTION</b> Chemical safety goggles.	
<b>9. Physical and chemical properties</b>	
Appearance	Physical State: Solid Colour: - Form: -
Property	Value
pH	N/A
BP/BP Range	N/A
Mp/Mp Range	N/A
Flash Point	N/A
Flammability	N/A
Autoignition Temp.	N/A
Oxidizing Properties	N/A
Explosive Properties	N/A
Explosion Limits	N/A
Vapor Pressure	N/A
SG/Density	0.75 g/cm <sup>3</sup>
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A
Decomposition Temp.	N/A

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Solvent Content	N/A
Water Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous Data	N/A
Solubility	N/A
<b>10. Stability and reactivity</b>	
STABILITY	
Stable: stable	
Materials to Avoid: Strong oxidizing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS	
Carbon monoxide, Carbon dioxide, Nitrogen oxides..	
<b>11. Toxicological information</b>	
RTECS NUMBER: AS3700000	
ACUTE TOXICITY	
LD50	
Oral	
Rat	
> 1000 mg/kg	
LD50	
Intraperitoneal	
Rat	
3600 mg/kg	
LD50	
Oral	
Mouse	
12650 mg/kg	
Remarks: Behavioral: Convulsions or effect on seizure threshold. Behavioral:Ataxia. Lungs, Thorax, or Respiration: Dyspnea.	
LD50	
Oral	
Rabbit	
11250 mg/kg	
Remarks: Behavioral:Convulsions or effect on seizure threshold. Behavioral:Ataxia. Lungs, Thorax, or Respiration: Dyspnea.	
SIGNS AND SYMPTOMS OF EXPOSURE	
To the best of our knowledge, thr chemical, physical, and toxicological properties have not been thoroughly investigated.	
ROUTE OF EXPOSURE	
Skin contact: May cause skin irritation.	
Eye contact: May causes eye irritation.	
Multiple routes: May be harmful by inhalation, ingestion, or skin absorption.	
<b>12. Ecological information</b>	
No data available	
<b>13. Disposal considerations</b>	
SUBSTANCE DISPOSAL	
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.	

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## 14. Transport information

### RID/ADR

Non-hazardous for road transport.

### IMDG

Non-hazardous for sea transport.

### IATA

Non-hazardous for air transport.

## 15. Regulatory information

Caution: Substance not yet fully tested (EU).

### COUNTRY SPECIFIC INFORMATION

Germany

WGK: 1

ID-Number: 6698

KBwS-Decision

## 16. Other information

### WARRANTY

The information in this document is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. PSS GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

### DISCLAIMER

For R&D use only. Not for drug, household or other uses.