

Material Safety Data Sheet

According to EG 1907/2006



Date Updated: 11/03/2008

Version: 1.0

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1. Identification of the substance and of the company	
Product name	Poly(vinyl alcohol) broad
Manufacturer / supplier identification	
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
2. Composition / information on ingredients	
CAS-No.:	9002-89-5
EC No.:	209-183-3
Molecular formula:	$[-CH_2CHOH-]_n$
3. Hazards identification	
SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT This substance is not classified as dangerous according to Directive 67/548/EEC.	
4. First aid measures	
AFTER INHALATION If inhaled, remove to fresh air. If not breathing give artificial respiration.	
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 as a precaution. Assure adequate flushing by separating the eyelids with fingers.	
IF SWALLOWED Never give anything by mouth to an unconscious person. Rinse mouth with water.	
5. Fire fighting measures	
EXTINGUISHING MEDIA Suitable: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Wear self-contained breathing apparatus for fire fighting if necessary.	
FURTHER INFORMATION Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air.	
6. Accidental release measures	
PROCEDURE(S) OF PERSONAL PRECAUTION(S) Avoid dust formation.	
ENVIRONMENTAL PRECAUTIONS Do not let product enter drains.	

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METHODS FOR CLEANING UP Sweep up and shovel. Keep in suitable, closed containers for disposal.	
7. Handling and storage	
HANDLING Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.	
STORAGE Conditions of storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Light sensitive.	
8. Exposure controls / personal protection	
PERSONAL PROTECTIVE EQUIPMENT Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).	
HAND PROTECTION For prolonged or repeated contact use protective gloves.	
EYE PROTECTION Chemical safety goggles.	
HYGIENE MEASURES General industrial hygiene practice.	
9. Physical and chemical properties	
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	N/A
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
10. Stability and reactivity	
STABILITY	
Storage stability: Stable under recommended storage conditions.	
Conditions to avoid: Exposure to light may affect product quality.	
Materials to Avoid: Strong oxidizing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS	
Carbon oxides	
11. Toxicological information	
ACUTE TOXICITY	
LD50 Oral - rat - > 20.000 mg/kg	
Remarks: Behavioral: Altered sleep time (including change in righting reflex).	
Behavioral: Somnolence (general depressed activity). Behavioral: Muscle weakness.	
IRRITATION AND CORROSION	
No data available	
SENSITISATION	
No data available	
CHRONIC EXPOSURE	
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.	
SIGNS AND SYMPTOMS OF EXPOSURE	
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	
ROUTE OF EXPOSURE	
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.	
Skin contact: May be harmful if absorbed through skin. May cause skin irritation..	
Eye contact: May cause eye irritation.	
Ingestion: May be harmful if swallowed.	
12. Ecological information	
No data available	
13. Disposal considerations	
SUBSTANCE DISPOSAL	
Product: Observe all federal, state, and local environmental regulations.	
Contaminated packaging: Dispose of as unused product.	
14. Transport information	
RID/ADR	
Non-hazardous for road transport.	
IMDG	
Non-hazardous for sea transport.	
IATA	
Non-hazardous for air transport.	

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15. Regulatory information

Caution: This substance is not classified as dangerous according to Directive 67/548/EEC.

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.