

2. HAZARDS IDENTIFICATION

2.1 Classification:

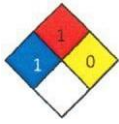
Not classified according to GHS, Regulation (EC) No. 1272/2008, HazCom 2012.

2.2 Label Elements

Regulation (EC) No,1272/2008:

Hazard pictograms and signalword: None

Hazard statements: None



NFPA Ratings

0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Hazardous Materials Identification System (HMIS): (Degree of hazard: 0 = low. 4 = extreme);

Health 1
Flammability 1
Physical Hazards 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation related information

Description: Polymer

4. FIRST AID MEASURES

4.1 In case of inhalation: Move affected person to fresh air.

4.2 In case of skin contact: Flush skin with plenty of soap and water .

4.3 In case of eye contact : Flush eyes with plenty of water .

4.4 In case of ingestion: If ingested, drink plenty of water. Induce vomiting immediately and call a physician. If a person vomits when lying on his back, place him in the recovery position.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: Water mist, dry chemical, carbon dioxide, or appropriate foam.

5.2. Unsuitable extinguishing media: High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Thermal decomposition products can include CO₂, and CO.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Wear appropriate protective equipment and clothing.
6.2 Environmental precautions: Avoid discharge of solid filament to sewer system.
6.3 Methods for cleaning up: Sweep up. Place all waste in an appropriate container for disposal.
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7. HANDLING AND STORAGE

- 7.1 Handling: Avoid creating dust. Avoid contact with skin and eyes.
7.2 Storage: Store sealed in the original container at room temperature. Avoid exposure to moisture.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values:
General Product Information: No occupational exposure limits (PEL/TWA) have been established for this product.

8.2 Exposure controls

Technical measures to prevent exposure: Good general ventilation should be sufficient for normal operation.
Personal protection equipment: If product is used as intended, no personal protective equipment is required.
Respiratory protection: NA
Eye protection: NA
Body protection: NA

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance:

Physical state: Solid filament
Colour: White, light yellow
Odour: Slight, vinegar -like

9.2 Important health, safety and environmental information

pH (20 °C):	5.0-7.0
Melting Point (°C):	150-230 °C
Boiling point/range (°C):	NA
Flash point (°C):	> 240°C
Ignition temperature (°C):	520°C
Vapour pressure (°C):	NA
Density (g/cm ³):	1.0-1.2
Bulk density (kg/m ³):	NA
Water solubility:	Soluble
Partition coefficient:	NA
n-Octanol/Water (log Po/w):	NA
Viscosity, dynamic (mPa s):	NA
Dust explosion hazard:	NA
Lower Explosion limit:	35g/m ³
Auto-ignition temperature	520 °C (Reference information: As polyvinyl alcohol)
Decomposition temperature	297 °C (Measured with reference to ISO-7111(1987) in an air atmosphere)

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid: The product is chemically stable.

10.2 Hazardous decomposition products: At high temperatures or upon burning, thermal decomposition products including but not limited to carbon monoxide and carbon dioxide may be emitted.

11. TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution: NA

11.2 Acute effects (toxicity tests)

Oral LOSO: > 2000 mg/kg

Acute inhalation toxicity estimate: >20 mg/l (test atmosphere vapour, exposure time 4h, calculation method)

Acute dermal toxicity: acute toxicity estimate: > 2000 mg/kg (calculation method)

Irritant and corrosive effects: No skin or eye irritation

Irritation to respiratory tract: NA

Sensitisation: Does not cause skin sensitization (OECD test guideline 406)

11.3 Experiences made in practice

Observations relevant to classification: -

Other observations: -

11.4 General remarks:

Carcinogenicity: None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP

12. Ecological information

12.1 Ecotoxicity:

EC50/48h - >100 mg/l (daphnia magna)

LC50/96h - >100 mg/l (onkorynchus mykiss)

NOEC: 7900 mg/l (exposure time 200 h, Oryzias latipes)

12.2 Mobility: No information available for product

12.3 Persistence and degradability: No information available for product

12.4 Results of PBT assessment: No information available for product

12.5 Other adverse effects: No information available for product

13. DISPOSAL CONSIDERATIONS

13.1 Appropriate disposal / Product: Do not dump solid filament into any sewers, on the ground, or into any body of water.

All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with appliance laws are the responsibility solely of the waste generator.

13.2 Waste codes / waste designations according to EWC / AVV:

13.3 Appropriate packaging: -

13.4 Additional information: -

14. TRANSPORT INFORMATION

14.1 Land transport (ADR/RID/GGVSE): Not regulated

14.2 Sea transport (IMDG-Code/GGVSee): Not regulated

14.3 Air transport (ICAO-IATA/DGR): Not regulated

15. REGULATORY INFORMATION

15.1 EU regulations

EINEC/ELINCS/NLP: All materials are listed
REACH Annex XVII: None listed

15.2 US FEDERAL

TSCA: All materials are listed on the TSCA Inventory or are not subject to TSCA requirements:
California Proposition 65: This product does not contain chemicals which are known to the state of California to cause cancer, birth, or any other reproductive defects.

15.3 Australian regulations

SUSDP, Industrial Chemicals Act 1989:
Australian Inventory of Chemical Substances, AICS: Listed

15.4 Japanese regulations

Chemical Risk Information platform (CHRIP):	Listed
Industrial Health and Safety Law	not applicable
Hazardous material	not applicable
Organic solvent poison prevention rule	not applicable
Ordinance on prevention of hazard due to specified chemical substances	not applicable
Lead Poisoning Prevention Rule	not applicable
Poison and Deleterious Substance Control law	not applicable
PATA and Promotion of Chemical Management law (PATA Law)	no listed components
Fire Services Act	not applicable
Explosives Law	not applicable
High pressure gas safety law	not applicable
Export Trade Control Order	not applicable
Waste Disposal and Public Cleaning Law	not applicable

16. OTHER INFORMATION

SOS Creation Date:June 9, 2015
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SOS Revision Date:
Reason for Revision:Creation

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