MATERIAL SAFETY DATA SHEET

PEG 200

1. Chemical Product & Company Identification

Material name : POLYETHYLENE GLYCOL 200

COSMO CHEMISTRY
Office No. 713, Millennium Business Hub,
Sarthana Jakatnaka, Varachha Main Road,
Surat, Gujarat, India – 395006
Phone : +91 979797 7958
e-mail : info@cosmochemistry.com

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2. Hazards Identification

OSHA HAZARD COMMUNICATION STANDARD

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Health Effects

Eye Contact: May cause slight temporary eye irritation. Corneal injury is unlikely.

Skin Contact: Prolonged contact is essentially non Irritating to skin.

Skin Absorption: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Prolonged/repeated exposure to damaged skin (as in burn patients) may result in absorption of toxic amounts.

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3. Composition / Information on Ingredients

Polyethylene Glycol, (CAS-No.) 25322-68-3

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4. First Aid Measures

First-aid measures general : Never give anything by mouth to an unconscious person. Seek medical attention immediately

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest. Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. If you feel unwell, seek medical advice

Symptoms/effects after eye contact : Causes serious eye damage

Symptoms/effects after ingestion : May be harmful if swallowed. Ingestion may cause nausea and vomiting

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5. Fire Fighting Measures

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

Firefighting Instructions

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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6. Accidental Release Measures

For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel

For emergency responders

Protective equipment : Equip clean crew with proper protection

Emergency procedures : Ventilate area

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment. Do not allow to enter drains or water courses.

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7. Handling and Storage

Precautions for Safe Storing

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands, forearms and face thoroughly after handling

Conditions for Safe Storage, including any compatibilities

Storage conditions : Keep only in the original container in a cool, well-ventilated place. Keep container closed when not in use. Keep cool. Protect from sunlight.

Incompatible products : Strong Bases, Strong Acids

Incompatible materials : Direct Sunlight

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8. Exposure Controls / Personal Protection

Hand protection : Wear Protective gloves.

Eye protection : Chemical goggles or safety glasses

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator

Other Information: Do not eat, drink or smoke during use

9. Physical & Chemical Properties

Physical State : Liquid.
PH : 4.5 – 7.5 [5% Aqu. Solu]
Colour: NA
Molecular Weight: 200
Freezing Point: NA
Boiling Point: NA
Flash Point : >165 °C
Solubility: Soluble In water
Viscosity: NA
Density: NA

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10. Stability & Reactivity

Reactivity

No additional information available

Chemical Stability

Stable under normal conditions

Possibility of Hazardous Reactions

None under normal use

Incompatible Materials

Strong Acids, Strong Basis

Hazardous Decomposition Products

Fume, Carbon Monoxide, Carbon Dioxide

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11. Toxicological Information

Acute Toxicity [Oral] : Maybe Harmful if swallowed

Acute Toxicity [Dermal] : Not Classified

Acute Toxicity [Inhalation] : Not Classified

Skin Corrosion / Irritation : Not Classified

Serious Eye Damage : Causes Eye Damage

Respiratory: Not Classified

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12. Ecological Information

Ecology Water : NA

Unknown Hazard to Aquatic Life : Contains <1 % of components with unknown hazards to aquatic life

Acute Aquatic Toxicity : NA

Chronic Aquatic Toxicity: NA

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13. Disposal Considerations

Product Packing Disposal Information : Dispose in accordance with all applicable regulations.

All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

Ecology Waste Material : Avoid release to Environment

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14. Transport Information

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

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15. Regulatory Information

No Additional Information Available

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16. Other Information

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