

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION:

Product Name: ULTRAREZ – PEG SPL
Chemical Name: PENTAERYTHITOL ESTER OF GUM ROSIN
CAS No.: 8050-26-8
Supplier/Company Name: Magnichem Industries
252, Shah & Mehta Industrial Estate,
Village: Dakivali, Taluka: Wada,
Dist.: Thane, India
Emergency Telephone No.: 91-9821059475

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Preparation Chemical Name: Penterithritol Ester of Rosin
Components Or Impurities: Rosin: 90%; Pentaerithritol 10%

3. HAZARDS IDENTIFICATION:

Classification: Product is not classified as hazardous under GHS criteria or OSHA Hazard Communication Standard (29 CFR 1910.1200).
GHS Label Elements: None
Signal Word(s): None
Hazard Statement(s): None
Precautionary Statement(s): None
Other information: See Section 11 for health effects. See Section 12 for environmental effects.
Product may form explosive dust/air mixture if high concentration of product dust is suspended in air.
Static electric charges created by emptying product from ungrounded containers in or near flammable vapors may cause flash fire. Contact with molten product can cause thermal burns.

Physical & Chemical Hazards: Inflammable, keep away from sources of ignition.

4. FIRST AID MEASURES:

Skin Contact: Wash on soap and water and rinse with water.
Take off all contaminated clothing
Eye Contact: In case of contact with Eyes, rinse immediately with plenty of



water and seek medical advice. If irritation continues see an Ophthalmologist.

Ingestion: Give lukewarm water. Do not induce vomiting

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media:	Dry Powder, Foam, Carbon Dioxide
Not Suitable:	Water Jet
Protection For Fire-Fighters:	In case of fire and/or explosion – do not breathe fumes, explosive vapors in air

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:	Avoid inhaling vapors
Environmental Precautions:	Discharge in sewer prohibited The local authorities should be informed
Methods Of Cleaning Up Recovery:	Collect the product in a container pending future disposal
Disposal:	Use authorized discharge or burn in approved installation.

7. HANDLING & STORAGE

Handling:	Avoid contact with skin
Prevention Of Fire/Explosion:	Keep away from source of ignition-No smoking
Safe Handling Advices:	
Storage:	Keep in tightly closed containers
Storage Conditions Suitable:	keep only in the original container at temperature not exceeding 30 Deg. C & in well a ventilated area away from heat, flame & oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Occupational Exposure Limits:	Rosin: 8 Hrs
Personal Protective Equipment:	Good ventilation
Hand Protection:	Wear solvent proof hand gloves
Eye Protection:	Wear glasses
Skin & Body Protection:	Remove working clothes after work.

9 PHYSICAL & CHEMICAL PROPOERTIES:

Appearance: Light yellow solid Odor:

Odor Threshold: Not applicable

pH : Not applicable

Softening Point: 95-97 Deg. C.

Initial boiling point and boiling range: Not applicable

Flash Point: Evaporation rate: Flammability: Mild Not applicable Not applicable 100°C softening point typical Not applicable >254.4°C (490°F) (Setaflash Closed Cup)
Approx. 0 (n-BuAc=1)

Non-flammable Upper/lower flammability or explosive limits: Not available

Risk Of Fire/Explosion: Flammable, take precautionary measure against Static charge.

Flash Point: 254 Deg Centigrade (Closed Cup)

Density: 1.078 to 1.082

Solubility: Soluble in esters, aromatic and ketone solvents Insoluble in water

Vapour Pressure: <0.001 mm Hg at 20°C (68°F)

Vapour Density: Not applicable

Volatiles: <2%

Specific gravity: >1 at 25/25 Deg.C.

Solubility (water): 0.3 mg/L

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Approx. 10300 CPS @ 125 Deg.C. , by Brookfield viscometer

Molecular weight: Not available

Acid Number: < 25

10. STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions (Storage Life 6 Months)

Hazardous Polymerisation: Hazardous Polymerization will not occur

Conditions To Avoid: Avoid strong oxidizing agents. Avoid dispersion of dust in air. Avoid ignition sources where dust is produced.

Incompatibility: May react with oxidizing agents.

Decomposition Products: Smoke, carbon monoxide, carbon dioxide and other products of combustion.

11. TOXIOLOGICAL INFORMATION:

Skin Irritation: Product may cause mild skin irritation after prolonged or repeated contact. If heated, product can cause thermal burns.

Eye Irritation:	Dust or powder from the product may cause eye irritation. Rubbing may cause abrasion of the cornea. Symptoms may include irritation, redness, scratching of the cornea, and tearing. If heated, product can cause thermal burns and vapors may cause eye irritation.
Inhalation:	Inhalation of dusts may cause respiratory irritation. Inhalation of vapors/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing and difficulty breathing.
Ingestion:	Ingestion of product may produce mild gastrointestinal disturbances.
Acute Toxicity:	
Oral Rat(Rosin):	LD50 >2000 mg/kg
Oral Rat (Penta):	LD50 >5000 mg/kg
Darmal Rabbit:	LD50 >2000
Skin Irritation:	Not found in rabbits
Eye Irritation:	Not found in rabbits
Ssensitization:	Not found to be a skin sensitizer in the Guinea Pig
Carcinovenicity:	Not list as carcinogenic
Reproductive Toxicity:	No effect on fertility

12. ECOLOGICAL INFORMATION:

Acute Toxicity:	96-hr LL50 >1000 mg/l loading rate WAF; NOEL 1000 mg/l loading rate WAF
Biodegradability:	0 % degradation after 28 days, not readily biodegradable
Persistant/Degradability	
Cod:	The product has not been tested
Bod:	The product has not been tested
Aquatic Toxicity:	Virtually Non toxic
Possible Environmental Impact/Ecotoxicity:	Virtually Non toxic

13. DISPOSAL CONSIDERATION:

Measures For Disposal:	Do not empty into drains The material and/or its container must be disposed of in authorized drains
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14. TRANSPOT INOFORMATION:

Transport Name:	Solid Resin
Substance Identification No.	Hsn Code: C3806.3000
Dot Classification:	Not a DOT controlled material.
Dot Proper Shipping Name:	None

15. OTHER INFORMATION:

Training: None
Restricted Use: None
Remark: None to our knowledge

The information contained in this sheet are based on our knowledge of the product since conditions under which the product is used is beyond our control, recommendations are made without warranty and/or guarantee.

Date of modification: 15/1/2025