

Technical Data Sheet (TDS)

1. Product Information

- **Product Name:** MEA Triazine
- **Chemical Name:** 1,3,5-tris(2-hydroxyethyl) hexahydrotriazine
- **CAS Number:** 4719-04-4
- **Manufacturer:** Vasudev Chemo Pharma
- **Country of Origin:** India
- **Molecular formula :** C₉H₂₁N₃O₃

2. General Properties

Property	Specification/Value
Molecular Formula	C ₉ H ₂₁ N ₃ O ₃
Chemical Name	Hexahydro-1,3,5-tris(Hydroxyethyl)-s-Triazine
Appearance	Clear to light yellow liquid
Color	Colorless
pH (10% solution, 20 °C)	Approx. 10.5 (Specification: 10.0–12.0)
Specific Gravity at 25 ± 2°C	1.144
Free Monoethanolamine	1% - 1.4wt%
Solubility In distilled water	Soluble

3. Composition

Component	Value/Range
Assay (as % S-Triazine)	79.05% (Specification: 79.05%–80%)
Concentration	70% to < 90% w/w

- **Applications:** Industrial applications such as preservatives for liquid-cooling and processing systems, and cutting fluid preservatives
- **Molecular weight :** 129.2g/Mol

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GTIN: 24IXMPK4899E1ZT

4. Safety and Handling

Hazard Statements:

- H302: Harmful if swallowed
- H330: Fatal if inhaled
- H319: Causes serious eye irritation
- H317: May cause an allergic skin reaction
- H372: Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled

Protective Equipment:

- **Respiratory Protection:** Use a respirator when exposed to vapors.
- **Hand Protection:**
 - Butyl rubber gloves for long-term use (Breakthrough time: 480 min; Thickness: 0.7 mm)
 - Nitrile rubber gloves for splash protection (Breakthrough time: 30 min; Thickness: 0.4 mm)
- **Eye Protection:** Safety goggles
- **Skin and Body Protection:** Suitable protective clothing

Storage Guidelines:

- Store in the original, tightly closed container.
- Ensure good ventilation.
- Avoid storing near acids.

Fire-Fighting Measures:

- **Suitable Extinguishing Media:** Water spray jet, alcohol-resistant foam, dry powder, CO₂
- **Unsuitable Extinguishing Media:** High-volume water jet

Spill Management:

- Absorb with inert materials (e.g., sand, silica gel, sawdust).
- Store absorbed material in closed containers.
- Prevent entry into drains or waterways.

This document is issued by Vasudev Chemo Pharma and is intended for technical reference only. Ensure proper handling as per safety guidelines.

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