

4. First Aid Measures

- Eye Contact: Rinse immediately with plenty of clean water for at least 15 minutes. Seek medical attention if irritation persists.
- Skin Contact: Wash with soap and water. Remove contaminated clothing.
- Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
- Ingestion: Do not induce vomiting. Rinse mouth with water and seek medical advice.

5. Fire-Fighting Measures

- Flammability: Non-flammable
- Extinguishing Media: Water spray, foam, dry chemical, CO₂
- Hazardous Combustion Products: Carbon oxides may form under fire conditions
- Protective Equipment: Standard firefighting protective gear

6. Accidental Release Measures

- Contain spill using absorbent material (sand, earth).
- Prevent entry into drains or watercourses.
- Collect and clean using water.
- Dispose according to local regulations.

7. Handling and Storage

Handling:

- Use in well-ventilated areas
- Avoid inhalation of spray mist
- Avoid contact with eyes and prolonged skin exposure

Storage:

- Store in tightly closed containers
- Keep in cool, dry, well-ventilated area
- Protect from direct sunlight and freezing
- Storage temperature: 5°C – 35°C

8. Exposure Controls / Personal Protection

Engineering Controls: Adequate ventilation required during application

Personal Protective Equipment (PPE):

- Safety goggles
- Protective gloves
- Protective clothing (as required)
- Respiratory protection when spraying in confined areas

9. Physical and Chemical Properties

Property	Value
Appearance	Viscous liquid
Color	White or as per shade card
Odor	Mild
pH	8.0 – 9.0
Specific Gravity	1.55 – 1.65
Solubility	Miscible with water
Flash Point	Not applicable (water-based)
VOC Content	< 50 g/L

10. Stability and Reactivity

- Stability: Stable under normal conditions
- Conditions to Avoid: Freezing temperatures
- Incompatible Materials: Strong acids and oxidizing agents
- Hazardous Decomposition: Carbon oxides under fire conditions

11. Toxicological Information

- No significant acute toxicity under normal use
- Prolonged exposure may cause minor irritation
- No known carcinogenic components at regulated levels

12. Ecological Information

- Low environmental hazard under normal use
- Avoid uncontrolled discharge into environment

13. Disposal Considerations

- Dispose in accordance with local, regional, and national regulations
- Do not discharge into drains or water systems
- Empty containers should be recycled or disposed responsibly

