

1. Manufacturer

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2. Composition Ingredients

CAS No.	Content (W/W) %	Chemical Name
9004-87-9	0.5 - 1.5	Isooctylphenol Ethoxylate
50-00-0	0.0 - <0.04	Formaldehyde

3. Hazard Identification

Potential Health Effects

Eye Contact: Irritant to eyes and may cause serious damage from direct exposure.



WARNING

4. First Aid Measures

Eye Contact: Quickly and gently wash with copious amounts of clean water for at least 15 minutes holding the eyelids apart. Seek medical attention immediately if irritation persists.

Skin Contact: Remove contaminated clothing. Continuously wash with lukewarm water and soap as a precaution. If skin irritation persists, contact a physician.

Inhalation: Remove to fresh air. If symptoms persist seek medical attention.

Ingestion: Drink 1 or 2 glasses of water. Do not induce vomiting. Seek medical attention if necessary. Never give anything by mouth to an unconscious individual.

5. Fire Fighting Measures

Extinguishing Media: Water spray, foam or dry powder

Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

6. Accidental Release Measures

Personal Precautions: Suitable protective clothing (overalls), rubber or plastic gloves, eye / face protection is advised. Keep people away from a spill as slippery conditions may exist.

Environmental Precautions: Do not allow into drains or water courses or sewers.

Method for Clean-Up: Contain spill immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking materials into a suitable container for recovery or disposal. Dispose of all contaminated materials in accordance with current local regulations.

7. Handling & Storage

Handling: Use techniques / equipment / clothing to avoid skin contact with the liquid. Wash thoroughly after handling. Do not breathe vapors, mist or gas. Ensure adequate ventilation.

Storage: Store in moderate environment; keep product from freezing. The recommended temperature range for storage 5°C to 60°C (41°F to 140°F). The shelf life is six months when stored under correct conditions.

8. Exposure Control / Personal Protection

Formaldehyde	OSHA PEL	TWA 0.75 ppm / STEL 2 ppm OSHA 0.5 ppm / STEL 2 ppm / TWA 0.75 ppm
	ACGIH TLV	CLV 0.3 ppm

Respiratory Protection: Ensure sufficient ventilation. It is recommended that a respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed if exposure limits are exceeded. A properly fitted NIOSH approved (or equivalent) half mask with an air purifying respirator is required if the airborne concentrate exceeds 10 times the exposure limit.

Hand Protection: Plastic / rubber (chemical resistant) gloves.

Eye Protection: Wear tight-fitting safety (chemically resistant) glasses / goggles.

Skin Protection: Wear suitable protective clothing (overalls) and enclosed footwear. Wash hands after each work period and before eating, smoking or drinking.

Additional Protection May Include: Eyewash station, shower facility and exhaust ventilation sufficient in volume and distribution to maintain exposure below the 17 mg/m³ (25 ppm) level.

9. Physical & Chemical Properties

Appearance: Milky, white liquid

Solubility in Water: Miscible

Odour: Faint odour

pH: 6.5 - 8.5

Flash Point: 148°C

Flammability: Not flammable

Explosion Limit: Not applicable

Boiling Point Range: 100°C (212°F) water

Density: < 1.04 g/cm³

Vapour Pressure: 23 mbar (20°C)

Solubility: Partly soluble (15°C)

10. Stability & Reactivity

Product is stable if stored and handled as prescribed / indicated.

Conditions to Avoid: Avoid extreme heat.

Materials to Avoid: None anticipated.

Hazardous Decomposition Products: None

11. Toxicological Information

Acute Oral Toxicity: LD50 rat > 2,000 - 10,000 mg/kg – virtually not-toxic after a single ingestion.

Irritation / Corrosion: Assessment of irritating effects – if the product adheres to skin, irritation may occur when it dries.

Skin Species: Rabbit

Result: Non-irritant

Method: OECD Guideline 404

Irritating to Eyes, Information on: ISOCTYLPHENOL ETHOXYLATE

Species: Rabbit

Result: Risk of serious damage to eyes.

Assessment of Repeated Dose Toxicity: No adverse effects were observed after repeated inhalative exposure in animal studies.

The product has not been tested for irritation, or impact on eyes. The statements have been derived from substances / products of a similar structure or composition.

12. Ecological Information

Biodegradation: > 70%

Bioaccumulation: Based on its structural properties, the polymer is not biologically available.

Accumulation in organism is not to be expected.

Environmental Toxicity:

Zebra Fish / LC50 (96 h) > 100 mg/l

Daphnia Magna / EC50 (48 h) > 100 mg/l

13. Disposal Considerations

Keep spills and diking materials from entering or contaminating sewers, water run-offs or open bodies of water. Dispose of all materials in accordance with current local regulations.

14. Transportation Information

Not classified as hazardous for transport by regulatory authorities.

15. Regulatory Information

Not regulated – not dangerous to transport.

16. Other Information

This material is considered non-hazardous. The above information is based on technical data that we believe to be reliable at the time of issuing the SDS. Because conditions of use are outside our control, it is the responsibility of the user to verify safety data for combinations with other materials, or for use in specific processes, and to verify waste disposal requirements.

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