

1. Manufacturer

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2. Composition Ingredients

Blue liquid solution, composed of:

Ingredient	CAS. No.	Exposure Limit
Silicates	1344-09-8	
Water	N/A	

3. Hazard Identification

Potential Health Effects

Eye Contact: Slight irritant, may result from direct exposure.

Skin Contact: Causes moderate skin irritation.

Inhalation: Inhalation of vapor or mist can cause irritation of nose and throat.

Ingestion: May cause irritation to mouth, esophagus and stomach. This can cause digestive tract irritation.



WARNING

4. First Aid Measures

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

Skin Contact: Wash with lukewarm water and soap for at least 15 minutes. If skin irritation persists, contact a physician.

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

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious individual. Do not induce vomiting; and if vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Seek medical attention if necessary.

5. Fire Fighting Measures

Non-flammable, this material does not support combustion and is not subject to explosion.

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: Avoid contact with eyes, skin and clothing. Use techniques / equipment / clothing to avoid contact with the liquid. Wash thoroughly after handling. Do not breathe vapors, mist or gas.

Storage: Store in moderate environment; keep product from freezing. The recommended minimum storage temperature is: 4°C to 35°C (40°F to 95°F). The shelf life is one year when stored under correct conditions.

8. Exposure Control / Personal Protection

Respiratory Protection: It is recommended that a respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent 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 exceed 10 times the exposure limit.

Hand Protection: Plastic / rubber gloves.

Eye Protection: Wear tight-fitting safety 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: Thick liquid – clear hazy white

Solubility in Water: Miscible in water

Odour: Odourless – musty

pH: 11.3

Specific Gravity: 1.4

The physical data presented above are typical values and should not be construed as a specification.

10. Stability & Reactivity

Conditions to Avoid: None when stored and used as specified.

Materials to Avoid: None when stored and used as specified.

Hazardous Decomposition Products: None

Polymerization: Product will not undergo polymerization.

11. Toxicological Information

Eye Contact: Slight irritant, may result from direct exposure.

Skin Contact: Causes moderate skin irritation.

Inhalation: Inhalation of vapor or mist can cause irritation to respiratory tract.

Ingestion: None known

12. Ecological Information

Although there is no information available for this product, do not allow the material to enter water course. If water is contaminated inform the relevant authorities immediately.

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 currently classified as hazardous for transport.

15. Regulatory Information

This material is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

This material is not a "controlled product" according to WHMIS.

All components of this product are in compliance with the inventory listing requirement of the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

16. Other Information

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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