

Section 4: First-aid Measures

Inhalation

Move to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Eye Contact

In case of eye contact, rinse with plenty of water and seek medical attention immediately

Skin Contact

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention immediately.

Ingestion

Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention immediately.

Section 5: Fire-fighting Measures

Extinguishing Media

Use appropriate media for adjacent fire. Cool containers with water.

Specific Hazards Arising from the Chemical

NA

Special Protective Equipment and Precautions for Firefighters

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Section 6: Accidental Release Measures

Prevent spillage from entering drains. . Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

Section 7: Handling and Storage

Precautions for safe handling

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Do not breathe dust, vapor, mist, or gas. Keep container tightly closed Avoid ingestion and inhalation.

Conditions for safe storage, including any incompatibilities

Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

Section 8: Exposure Control/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium Tetraborate Pentahydrate		6 mg/m3 STEL (inhalable fraction, listed under Borate compounds, inorganic) 2 mg/m3 TWA (inhalable fraction, listed under Borate compounds, inorganic)	NIOSH: 1 mg/m3 TWA

Eyes

Wear chemical safety glasses or goggles, and face shield . Do not wear contact lenses.

Inhalation

For concentrations above the exposure limits use full face supplied air respirator approved by NIOSH.

Skin

Wear appropriate protective gloves and clothing to prevent skin exposure.

Section 9: Physical and Chemical Properties
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<p style="text-align: center;">Appearance: white, crystalline solid</p> <p style="text-align: center;">Vapor Pressure: Unknown</p> <p style="text-align: center;">Vapor Density: Unknown</p> <p style="text-align: center;">Density: Unknown</p> <p style="text-align: center;">Freezing point: Unknown</p> <p style="text-align: center;">Boiling range: Unknown</p> <p style="text-align: center;">Evaporation rate: Unknown</p> <p style="text-align: center;">Explosive Limits: Unknown</p> <p style="text-align: center;">Autoignition temperature: Unknown</p> <p style="text-align: center;">Viscosity: Unknown</p>	<p style="text-align: center;">Odor: odorless</p> <p style="text-align: center;">Odor threshold: Unknown</p> <p style="text-align: center;">pH: 9.3 (3% solution)</p> <p style="text-align: center;">Melting point: 200°C</p> <p style="text-align: center;">Solubility: 3.8 % @ 20°C</p> <p style="text-align: center;">Flash point: Unknown</p> <p style="text-align: center;">Flammability: Unknown</p> <p style="text-align: center;">Specific Gravity Unknown</p> <p style="text-align: center;">Decomposition temperature: Unknown</p> <p style="text-align: center;">Grams VOC less water: Unknown</p>
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Section 10: Stability and Reactivity

Chemical Stability

STABLE

Incompatible Materials

Acids, Alkaloids, and metallic salts

Hazardous Decomposition Products

NA

Hazardous polymerization will not occur.

Section 11: Toxicology Information

Mixture Toxicity

Oral Toxicity LD50: 2,427mg/kg

Eyes	Skin	Respiratory System
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Effects of Overexposure

CAS Number

Description

% Weight

Carcinogen Rating

Section 12: Ecological Information

Component Ecotoxicity

Section 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

Section 14: Transportation Information

Water Treatment Compound Non-Regulated.

Section 15: Regulatory Information

EPA Reg. No. 57787-27

FIFRA information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

WARNING

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eye wear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, and using the toilet. Remove contaminated clothing and wash clothing before reuse.

Country

Regulation

All Components Listed

Section 16: Other Information

Date Prepared: 2/11/2020

The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained.

Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.