

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name BWT
Product Use Boiler treatment
Product Code 1429
Date of Issue 03/26/2024
Supersedes

Emergency Telephone Numbers

Velocity EHS: 1-800-255-3924 (24 Hours)

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

WARNING

Health Hazards

Skin Corrosion/Irritation Category 1
Serious eye damage/ eye irritation Category 1

Precautionary Statements:

P264 Wash hands thoroughly after handling.
P280 Wear protective gloves, protective clothing and eye protection.
P302+P352 IF ON SKIN: wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center or physician
P332+P313 If skin irritation occurs: get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse

Hazard Statements:

H315 Causes skin irritation
H318 Causes serious eye damage

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Exposure can range from irritation to serious eye damage. Severity increases with duration of contact.
Skin Exposure can range from irritation to burns depending upon the duration of contact.
Inhalation Can cause irritation and burns to respiratory system.
Ingestion Do not take internally. Will cause burning of the digestive tract. Corrosive to the mucous membranes of the mouth, throat, esophagus and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. Can be fatal if swallowed.

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Sodium Hydroxide (Neutralized)	1310-73-2	<1
Hydroxyethylidene Diphosphonic Acid	2809-21-4	<2

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Section 4. First Aid Measures

- Eye Contact** Flush immediately with clean water for 15 minutes. Seek immediate medical attention if irritation persists.
- Skin Contact** If irritation occurs, flush with plenty of clean water, use soap if available. Remove severely contaminated clothing and shoes; wash before reuse. Seek medical attention if a rash occurs or if irritation continues.
- Inhalation** Remove to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.
- Ingestion** Do not induce vomiting. Rinse mouth. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



- Hazardous Combustion Products** Not combustible
- Extinguishing Media** Media applicable to surrounding fire
- Unsuitable Extinguishing Media** N/A
- Fire Fighting Procedures** Wear protective gear. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

- Spill Clean Up** All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

- Handling and Storage** Keep container tightly closed when not in use. Store product indoors and keep from freezing. Keep out of the reach of children. Have eyewash accessible to use in handling area.

Section 8. Exposure Controls/Personal Protection

Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2mg/m ³	2mg/m ³		2mg/m ³

- Engineering Controls** Use in a well-ventilated area. If TLV are exceeded or misting occurs, a NIOSH/MSHA approved respirator may be required.



Personal Protective Equipment (PPE)

- Eyes** Safety glasses or chemical splash goggles
- Body** Rubber or neoprene gloves. Wear synthetic apron if splashing is expected to occur.
- Respiratory** Not required in a well-ventilated area.

Section 9. Physical and Chemical Properties

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|-----------------------|---------------------|-------------------------|----------|
| Physical State | Liquid | Explosive Limits | N/A |
| Color | Clear | Vapor Pressure | N/A |
| Odor | Characteristic odor | Vapor Density | N/A |
| Odor Threshold | N/A | Relative Density | N/A |
| pH | 7-8 | Solubility | Complete |

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Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	N/A	Auto-Ignition Temp.	N/A
Flash Point	Not combustible	Decomposition Temp.	N/A
Evaporation Rate	N/A	Viscosity	N/A
Flammability	Non-Flammable	Specific Gravity	1.0-1.04

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Strong acids, strong oxidizers and soft metals
Hazardous Polymerization	Will not occur
Hazardous Decomposition	None
Products	
Conditions to Avoid	Contact with incompatibles

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	Possible burns
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	None
Reproductive Toxicity	No information found
Target Organs	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	No data	
Oral	20,055mg/kg	ATE determined beyond Category 4
Inhalation	No data	

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

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Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	Non-regulated	Non-regulated	NA	NA	NA

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

	Sodium Hydroxide	1310-73-2	1,000
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State Regulations None

Section 16. Other Information

Last Revision 03/25/24

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.