

SECTION 1: IDENTIFICATION

Product Name: BC-1452
SDS Number: 250613-07
Product Description: Water Treatment Chemical
Revision Date: 11/05/2025
Product Use: Water Treatment
Company: Apex Water + Process
12270 43rd Street NE
St. Michael MN 55376
Website: www.TeamApex.com
Contact: Non-Emergency 1-844-603-4077
Emergency Response: **For Hazardous Materials Incident, Spill, Leak, Fire, Exposure, or Accident**
Call: CHEMTREC at (800) 424-9300 CCN 1018609

SECTION 2: HAZARD IDENTIFICATION

Hazard Classification: This material is considered non-hazardous by the OSHA Hazard
1-4 (1 most severe) Communication Standard (29 CFR 1910.1200)

Signal Word(s): None
Pictograms: None
Hazard Statements: None

Precautionary Statements

Prevention: Read SDS and label before use. Wash affected body parts thoroughly after handling.
Response: None
Storage: See Section 7.
Disposal: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Confidential business information has been removed without affecting the overall safety information on the safety data sheet.

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with plenty of running water for 15 minutes. Seek medical attention.
Skin Contact: Wash off with soap and plenty of water. Remove contaminated garments and wash or destroy. Consult a physician if irritation develops.
Ingestion: If conscious, give plenty of water. Do not induce vomiting unless directed to do so by medical personnel.
Inhalation: Remove from contamination and seek fresh air. Call a physician if any difficulties persist. If person has stopped breathing administer artificial respiration.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Agents: Use measures appropriate for surrounding environment.

Specific Hazards During Firefighting: Burning produces irritant fumes. Exposure to decomposition products may be a hazard to health. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

Specific Extinguishing Methods: User extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

Specific PPE for Firefighters: In the event of fire, wear a self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill Response: Use personal protective equipment. See Section 8 for more information. Avoid uncontrolled discharge. Soak up with inert absorbent material. Sweep up and shovel. Pick up and transfer to properly labelled containers. Clean contaminated floors and objects thoroughly while observing environmental regulations.

Spill Notification: Determine if federal, state, and/or local release notification is required.

SECTION 7: HANDLING AND STORAGE

Advice on Safe Handling: Wash hands after handling. See Section 8 for more information.

Conditions for Safe Storage: Keep in properly labelled containers. Keep containers tightly closed in a dry, cool, and well-ventilated place. Do not store over 170°F. Do not freeze.

Materials to Avoid: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL) or OSHA (PEL).

Engineering Controls: Provide local exhaust ventilation as needed to control misting. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment:



Body Protection: Chemically resistant materials and fabrics.
Wear chemically protective boots, aprons and gauntlets to prevent prolonged or repeated skin contact.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Wear protective eyeglasses with side shields or chemical safety splash goggles. Wear protective eyeglasses with side shields or chemical safety splash goggles.

Respiratory Protection: No personal respirator required under normal conditions.
If ventilation is insufficient, refer to OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an MSHA.NIOSH approved respirator.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid
Odor:	Slight
Odor Threshold:	No data available
pH:	6.5 – 8.5
Melting Point/Freezing Point:	0°C
Boiling Point/Range:	>90°C
Flash Point:	None
Evaporation Rate:	No data available
Flammability (solid, gas):	Not flammable
Upper/Lower Explosion Limit:	N/A
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density:	0.99 g/mL
Water Solubility:	Miscible
Partition Coefficient: n-octanol/water:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

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

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Reacts with strong acids and oxidizing agents.
Chemical Stability:	Product is stable under normal storage and use conditions.
Possibility of Hazardous Reactions:	Stable under recommended storage conditions. Products will not undergo polymerization.
Conditions to Avoid:	Avoid extreme temperatures. Keep container closed when not in use.
Incompatible Materials:	Strong acids and oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition may produce oxide of carbon (COx) or nitrogen (NOx).

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	No data available. Not expected to cause irritation.
Eye:	No data available. Not expected to cause irritation.
Respiratory:	No data available. Not expected to cause irritation.
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No known significant effects or critical hazards.
Reproductive Toxicity:	No known significant effects or critical hazards.
STOT (Single):	No data available
STOT (Repeated):	No data available
Aspiration Hazard:	No data available

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity:	Ceriodaphnia dubia (Water Flea) 48-hr LC50: 381 mg/L Pimephales promelas (Fathead Minnow) 96-hr LC50: 277 mg/L
Persistency & Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
Other Adverse Effects:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal Considerations:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number:	N/A
Description of the Goods:	DOT Not Regulated
Class:	N/A
Packing Group:	N/A
Environmental Hazards:	N/A
DOT Transportation data (49 CFR 172.101)	

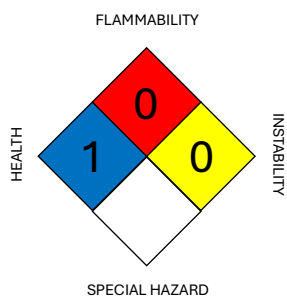
SECTION 15: REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed as active on the TSCA inventory
DSCL (EEC):	All ingredients are listed as active on the DSCL inventory
California Proposition 65:	Not Listed
SARA 302:	Not applicable
SARA 304:	Not Listed
SARA 311/312:	N/A
CERCLA:	N/A

SECTION 16:

OTHER INFORMATION

NFPA:



HMIS III:

0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe
* = Chronic

Disclaimer:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0