

SECTION 1: IDENTIFICATION

Product Name: EC-3332
SDS Number: 260828-01
Product Description: Water Treatment Chemical
Revision Date: 08/28/2026
Product Use: Water Treatment
Company: Apex Water + Process
 12270 43rd Street NE
 St. Michael MN 55376
Website: www.TeamApex.com
Contact: Non-Emergency (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: Skin Corrosion/Irritation, Category 2
 1-4 (1 most severe) Eye Damage/Irritation, Category 2A

Signal Word(s):
Pictograms:

WARNING



Hazard Statements: Causes skin irritation.
 Causes serious eye irritation.

Precautionary Statements

Prevention: Wash contact area thoroughly after handling. Wear protective gloves/eye protection/face protection.

Response: If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Specific treatment (see Section 4 of SDS).

Storage: See Section 7.

Disposal: Dispose of contents and container in accordance with federal, state, and local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	CHEMICAL NAME	% WT. or % Vol.
Not applicable	Nonhazardous components	Balance

Confidential business information has been removed without affecting the overall safety information on the safety data sheet. Components and exact concentrations are a trade secret. (29 CFR 1910.1200(i))

SECTION 4: FIRST AID MEASURES

Eyes: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains (at least 15 to 20 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15 to 20 minutes). Get medical advice/attention.

Ingestion: Treat symptomatically and supportively. Rinse mouth with water. Give plenty of water to drink. Get medical advice immediately as to whether to induce vomiting.

Inhalation: Remove from exposure area to fresh air immediately. If breathing has stopped, give artificial respiration. Maintain airway and blood pressure and administer oxygen if available. Keep affected person warm and at rest. Qualified personnel should perform administration of oxygen. Get medical advice.

Note to Physician: Treat symptomatically and supportively.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Agents: Dry chemical, carbon dioxide, water spray, or foam. For larger fires use water spray, fog, or alcohol foam.

Specific Hazards During Firefighting: Thermal decomposition may produce: carbon oxides, nitrogen oxides, sulfur oxides, and phosphorus oxides. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere. Thermal decomposition products may be irritating and toxic.

Specific Extinguishing Methods: Move container from fire area if possible. Do not scatter spilled material with more water than needed for fire control and dike fire control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapors and keep upwind.

Specific PPE for Firefighters: As in any fire, wear a self-contained breathing apparatus in pressure-demand MSH/NIOSH (approved or equivalent), and full protective gear.

SECTION 6:

ACCIDENTAL RELEASE MEASURES

Spill Response: Do not touch spilled material. Stop leak if you can do it without risk. For larger spills, dike far ahead of the spill for later disposal. Keep unnecessary people away. Isolate hazard area and deny entry. Ventilate area. Eliminate all sources of ignition. Avoid inhalation and dermal contact. Wear appropriate PPE as described in section 8. For small spills, take up with sand or other absorbent material and place in containers for later disposal. For small dry spills, with clean shovel place material into clean, dry container and cover. Move container from the spill area.

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

SECTION 7:

HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Avoid contact with eyes, skin and clothing. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Avoid contact with heat, sparks, and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames.

Storage: Keep away from heat, sparks, and flames. Store in a cool, dry, well-ventilated area. Do not freeze. Store away from acids and oxidizing agents.

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: Impervious clothing. Have safety showers available where skin contact can occur.

Hand Protection: Protective gloves.

Eye Protection: Safety goggles. Have eye-wash stations available where eye contact can occur.

Respiratory Protection: Normally not required. If mists are expected, the respirator must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator, and must be jointly approved by NIOSH and MSHA.

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:	Amber to dark brown liquid
Odor:	Slight
Odor Threshold:	No data available
pH:	10.5 – 12.5
Melting Point/Freezing Point:	No data available
Boiling Point/Range:	No data available
Flash Point:	No data available
Evaporation Rate:	No data available
Flammability (solid, gas):	N/A
Upper/Lower Explosion Limit:	N/A
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density:	1.1 – 1.2 g/mL
Water Solubility:	100%
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:	No data available
Chemical Stability:	Product is stable under normal storage and use conditions.
Possibility of Hazardous Reactions:	Not known to occur.
Conditions to Avoid:	Keep away from heat, sparks, and flames. Store in a cool, dry, well-ventilated area. Do not freeze. Store away from incompatible materials.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition may produce: carbon oxides, nitrogen oxides, sulfur oxides, and phosphorus oxides. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere. Thermal decomposition products may be irritating and toxic.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	Product not tested as a whole. Acute toxicity estimated based on ingredients (additivity formula). Oral LD50 (Rat) > 2,000 mg/kg
Skin:	Irritant.
Eye:	Irritant. May cause eye damage.
Respiratory:	Irritant. May be harmful if inhaled.
Ingestion:	May cause burning of mouth, throat and stomach.
Delayed:	Not available.

Chronic: Not available.

Germ Cell Mutagenicity: No data available

Carcinogenicity: No components list as a carcinogen.

Reproductive Toxicity: No relevant data available

No data available

STOT (Single): No data available

STOT (Repeated): No data available

Aspiration Hazard:

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity (calculated): Ceriodaphnia dubia (daphnid) 48-hr EC50: 6272 mg/l
Fathead minnow 96-hr LC50: 4136 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/Considerations : Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number: N/A
Description of the Goods: N/A
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

SARA 302: N/A

SARA 313: N/A

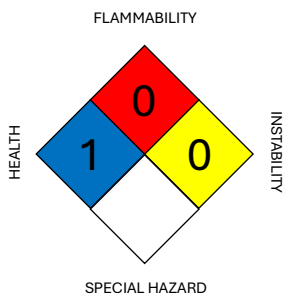
SARA 311/312: Acute Health Hazard

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