

## 1. IDENTIFICATION

*Trade Name:* #7351 Cooling Water Treatment

*Chemical Name & Synonyms:* Proprietary Cooling Water Treatment Blend

*UN/ID No:* N/A

## 2. Hazards Identification

*Classification:* Non-Hazardous

*Signal Word:* None

**Hazard Statements:**

### GHS – Classification

Acute toxicity - Oral N/A  
Skin corrosion/irritation N/A  
Serious eye damage/eye irritation N/A  
Specific target organ toxicity (one exposure) N/A

### Physical Hazards

H303 May be harmful if swallowed.  
H313 May be harmful in contact with skin.  
H319 Causes serious eye irritation.  
H333 May be harmful if inhaled.

### Precautionary Statements:

P233 Keep container tightly closed  
P234 Keep only in original container  
P262 Do not get in eyes or on skin or on clothing  
P270 Do not eat or drink or smoke when using this product  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

## 3. Composition / Information on Ingredients

Chemical Name	CAS No	Weight-%
Potassium Hydroxide (KOH)	1310-58-3	1-3%
2-Hydroxy-phosphonoacetic Acid (HPAA)	23783-26-8	1-2%
1-hydroxyethane 1,1-diphosphonic acid (HEDP)	2809-21-4	1-2%
Monoethanolamine	141-43-5	0.5-2.0%

## 4. First Aid Measures

**General Advice:** P101: If medical advice/attention is needed; have product container or label at hand

**Eye Contact:** H320: Causes eye irritation



**Skin Contact:** H313: May be harmful in contact with skin

**Inhalation:** H333: May be harmful if inhaled.

**Ingestion:** H303: May be harmful if swallowed.

**Note to Physicians:** Treat symptomatically.

**Self-protection of the First Aider:** None specific. General healthcare PPE is appropriate

## 5. Fire-fighting Measures

**Flammable Properties:** Non-flammable

**Explosive Properties:** N/A

**Suitable Extinguishing Media:** N/A

**Unsuitable Extinguishing Media:** N/A

**Specific Hazards Arising from the Chemical:** None known

**Protective Equipment and Precautions for Firefighters:**

In the event of a fire, wear full protective clothing and MSHA/NIOSH (approved or equivalent) self-contained breathing apparatus with full facepiece operated in the pressure-demand or other positive pressure mode

## 6. Accidental Release Measures

**Personal Precautions:** Routine PPE for any spill, no unique requirement.

**Environmental Precautions:** If not diluted, this product may become a hazardous waste as designated by the EPA under authority of the Resource Conservation and Recovery Act (RCRA)

**Methods for Cleaning Up:** Product is water soluble and may be diluted and flushed as below described.

**Other Information:** This product is intended to be used in open recirculating cooling water treatment and discharged to sanitary sewer in its diluted state in tower bleedoff water. Concentrated product may be diluted to a similar working concentration and flushed to sewer or soaked up with absorbent material and landfilled in accordance with local, state, and federal regulations.

## 7. Handling and Storage

**Advice on Safe Handling:** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Use only with adequate ventilation.

**Storage Conditions:** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**Incompatible Materials:** None known

## 8. Exposure Controls / Personal Protection

Chemical Name	ACGIH TLV	OSHA PEL
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N/A	N/A	N/A
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**Exposure Guidelines** N/A

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas

**Personal protective equipment (PPE)** Wear suitable industrial protective clothing

**Eye/Face Protection:** Industrial Safety Glasses

**Body Protection:** Industrial protective clothing, rubber gloves when appropriate  
**General Hygiene Considerations:** Do not eat, drink, or smoke while handling this product.

## 9. Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

**Appearance:** Clear amber liquid with mild inorganic odor  
**pH:** 9.5  
**Specific Gravity:** 1.045  
**Molecular Weight:** Mixture  
**Water Solubility:** Completely soluble  
**Melt/FreezePoint:** 0°C / 32 °F  
**Boiling Point:** 100 °C / 212 °F  
**Flammability** N/A  
**Flash Point:** N/A  
**Vapor density:** N/A

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions of use and storage  
**Conditions to Avoid:** None known  
**Incompatible Materials:** Strong acids without dilution or agitation, metal alloys, chlorinated hydrocarbons.  
**Hazardous Decomposition Products:** None known  
**Possibility of Hazardous Reactions:** None known

## 11. Toxicological Information

Chemical	Oral LD50	Dermal LD50
N/A		
<b>Chronic Toxicity:</b>	N/A	
<b>Carcinogenicity:</b>	N/A	
<b>Target Organ Effects:</b>	N/A	

## 12. Ecological Information

**Ecotoxicity:** 0% of the mixture consists of ingredient(s) of unknown toxicity.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
N/A			

**Persistence/Degradability:** No Data  
**Bioaccumulation:** No Data  
**Mobility:** No Data

## 13. Disposal Considerations

**Waste from Residues/Unused Products:**

This product is intended to be used in open recirculating cooling water treatment and discharged to sanitary sewer in its diluted state in tower bleedoff water. Concentrated product may be diluted to a similar working concentration and flushed to sewer or soaked up with absorbent material and landfilled in accordance with local, state, and federal regulations.

P501 Dispose of contents/container in accordance with local/state/federal regulations

**Contaminated Packaging:** Do not reuse container for potable / food contact. Wash and rinse thoroughly before reuse / recycling

#### 14. Transport information (USDOT):

**Proper shipping Name:** Proprietary Cooling Water Treatment Blend  
**Hazard Class:** Non-Hazardous  
**UN/ID No** None  
**Packing Group** None  
**Reportable Quantity (RQ)** None  
**Description:** N/A

#### 15. Regulatory Information

This product is not regulated.

#### National Fire Protection Association (NFPA) Ratings:

**NSF Certification:** N/A



#### 16. Other Information

This Safety Data Sheet compiled from information provided by the raw chemical product manufacturers.

Disclaimer: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.