

Section 01: Identification

Product Name: HeatLink #01311 (Enercon EC-970)
 Recommended Use: Purging Compound

HeatLink Group Inc.
 4603E - 13th Street NE
 Calgary, AB, T2E 6M3

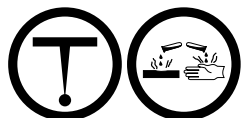
Prepared By: Communication Dept.
 Preparation Date: August 23, 2010

Enercon Water Treatment Ltd.
 3606 - 6 Avenue North
 Lethbridge, AB, T1H 5C4

Emergency Phone Number (Canutec): 613-996-6666

Section 02: Hazards Identification/Emergency Overview

Physical State:Liquid
 WHMIS Classification:..... D2, E
 Colour: Clear
 Odour:Faint
 Hazard Statement: Avoid contact with strong acids.
 Corrosive to skin and eyes.



Section 03: Composition/Information on Ingredients

Ingredient	% Conc.	C.A.S. #
Trisodium Phosphate	10 - 30	10101-89-0
Potassium Hydroxide	5 - 15	1310-58-3
EDTA	1 - 5	6381-92-6
Phosphate Ester Potassium Salt	1 - 5	66057-30-5

Section 04: First Aid Measures

- Skin: Flush skin thoroughly for at least 15 minutes. Remove contaminated clothing if necessary. Seek medical attention if irritation occurs or persists.
- Eyes: Flush eyes with running water for at least 15 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek medical attention immediately.
- Inhalation: Assist difficult breathing by removing casualty to fresh air. Administer oxygen to casualty experiencing breathing difficulty. Perform artificial respiration if breathing stops. Seek medical attention if breathing difficulty occurs or persists.
- Ingestion: If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if irritation occurs or persists.

Section 05: Fire Fighting Measures

Flammable: Non-Flammable If yes, under what conditions: Not Applicable.
 Means of extinction: Standard procedure for chemical fires.
 Cool containers / tanks with water spray.

Hazardous combustion products: Hydrogen, oxides of sodium and phosphorous.
 Special protective equipment and precautions for firefighters: Standard equipment for chemical fires.

Section 06: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: See Section 8.
 Environment precautions: Do not allow chemical to enter sewers or waterways.
 Methods and materials for containment and cleaning-up: Use appropriate tools to contain the spilled chemical, use absorbent material to absorb spilled chemical, dispose of absorbed material in a waste disposal container.

Section 07: Handling and Storage

Precautions for safe handling: Open and handle container with care. Do not eat, drink or smoke in the presence of open container. Follow routine safehandling procedures.
 Storage requirements: When not in use, keep container tightly closed in a dry, cool, well-ventilated area. Avoid contact with incompatible materials listed in Section 10. Store away from: food, drink and ignition sources.
 Empty containers can retain product residue and may be hazardous.

Section 08: Exposure Controls/Personal Protection

Note: These recommendations provide general guidelines for handling this product. Personal protective equipment should be selected according to individual application of the material, safe handling practices to consider include: exposure potential, chemical concentration and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local, provincial and federal authorities.

Recommended Personal Protective Equipment:

- Gloves: PVC or Nitrile Rubber
- Respiratory: NIOSH approved respirator (when fumes are present)
- Eye: Chemical goggles or face shield
- Footwear: Chemical resistant footwear
- Clothing: Cover exposed skin
- Engineering controls: Local mechanical exhaust ventilation
- Other: Eyewash station and safety shower are proximal to workstation

Section 09: Physical and Chemical Properties

Physical State:Liquid
 Appearance:Clear
 Odour:Faint
 Odour threshold:Not Available
 pH @ 10%: 12.94
 Melting point / Freezing point (°C): -6° C
 Initial boiling point and boiling range (°C):Not Available

Flash point (°C):Not Applicable
 Evaporation rate:Not Available
 Flammability: Non-Flammable
 Upper / Lower flammability or explosive limits: Not Applicable
 Vapour pressure (mmHg):Not Available
 Vapour density (Air=1):.....Not Available
 Relative density:.....Not Available
 Solubility: Completely Soluble
 Partition coefficient: n-octanol/water:Not Available
 Auto-ignition temperature (°C):.....Not Applicable
 Decomposition temperature:Not Available
 Specific Gravity:..... 1.112

Section 10: Stability and Reactivity

Chemical stability under normal conditions: Stable.
 If no, under what conditions: Avoid moisture and elevated temperatures.

Possibility of hazardous reactions: Normally stable.

Incompatible materials: Avoid contact with: Strong acids, metallic magnesium, various metals such as: aluminum, magnesium and zinc.

Reactivity and under what conditions: Contact with metallic metals liberates hydrogen.

Hazardous decomposition products: Hydrogen, oxides of sodium and phosphorous.

Section 11: Toxicological Information

Hazardous Ingredients (Section 3):	LD50, (Oral)	LD50, (Dermal)	LC50, (Inhalation)
Trisodium Phosphate	7400 mg/kg (Rat)	Not Available	Not Available
Potassium Hydroxide	365 mg/kg (Rat)	Not Available	Not Available
EDTA	2000 mg/kg (Rat)	Not Available	Not Available
Phosphate Ester Potassium Salt	Not Available	Not Available	Not Available

Effects of acute exposure

Skin Contact: Slight Irritant.

Skin Absorption: Not Available

Eye: Severe Irritant.

Inhalation: Slight Irritation. (In presence of mist).

Ingestion: Slight irritation to digestive tract.

Effects of chronic exposure

Chronic Exposure Overview: Chronic effects include allergic reactions (headaches, difficulty breathing, rapid heart rate and anaphylaxis) in susceptible individuals. Prolonged and repeated exposure will increase the chance of irritation

occurring to skin, respiratory tract and digestive system. Prolonged contact with eye tissue could result in permanent eye damage.

Teratogenicity: Not Available

Reproductive toxicity: Not Available

Mutagenicity: Not Available

Carcinogenicity: This product does not contain ingredients considered carcinogenic, by the National toxicity Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.

Section 12: Ecological Consideration

Ecotoxicity (aquatic and terrestrial):.....Not Available

Persistence and degradability:.....Not Available

Bioaccumulative potential:.....Not Available

Mobility in soil:.....Not Available

Other adverse effects:.....Not Available

Section 13: Disposal Considerations

Waste Disposal: Dispose of this material and its container in accordance with local, provincial and federal regulations.

Section 14: Transport Information

UN Number: Not Applicable

Shipping Name: Not Applicable

Packing Group: Not Applicable

Special Shipping Information: Freeze/Thaw Stable. Agitation Required.

Freeze at: -6° C

Section 15: Regulatory Information

This safety data sheet has been prepared in accordance with the WHMIS standards. All materials used appear on the Canadian DSL. Materials not listed are either non-hazardous or in concentrations of less than 0.1%.

Section 16: Other Information

Responsibility Statement

The information contained herein is provided as a guide to the handling of this product. It is our belief that the information provided in this safety data sheet is reliable. This product should not be used by any person who is not familiar with the contents of this safety data sheet, the recommendation found on the label or technical data sheet. No warranty of any kind is given or implied and HeatLink Group Inc. assumes no responsibility for damages, losses, injuries or events resulting from damages incurred from its use. The information on this material safety data sheet relates only to the specific material designated herein and does not relate to material use in combination with any other material or in any process.