

## 1) Product Identification

HeatLink® #01311 (Enercon EC-970)  
Product Use: purging compound

Enercon Water Treatment Ltd.  
3606 - 6 Avenue North; Lethbridge, AB; T1H 5C4  
Emergency Phone: Canutec 613-996-6666

Transportation of Dangerous Goods Classification: Non-regulated  
WHMIS classification: Class D Division 2 Subdivision B

## 2) Ingredients

Chemical Name:	Cas#	%Range	TLV (mg/m3)	LD50 (mg/kg)
Potassium Hydroxide	1310-58-3	5-15	None	1230 (oral rat)
Trisodium Phosphate	7601-54-9	10-30	None	7400 (oral rat)
E.D.T.A.	64-02-8	1-5	None	2760 (oral rat)

## 3) Physical Data

Physical state: .....liquid  
 Odour threshold:..... N/D  
 Specific gravity: ..... 1.09  
 Density:..... N/D  
 pH (1%): ..... 12.0  
 Solubility in water:..... N/D  
 Appearance and odour: ..... clear, colorless  
 Freezing point (°C): ..... N/D  
 Boiling point (°C): ..... ~100°C  
 Vapour pressure (at 20°C): ..... N/D  
 Vapour density (air=1): ..... N/D  
 Evaporation rate (butyl acetate=1): ..... <1  
 Coeff. of water/oil:..... N/D

## 4) Fire and Explosion Hazard Data

Conditions of flammability:..... Nonflammable  
 Extinguishing media: ..... N/A  
 Special procedures:..... N/A  
 Flash point (°C TCC): .....None  
 Flammable limits in air % by volume: .....lower: N/A  
 ..... upper: N/A  
 Auto ignition temp (°C): ..... N/D  
 Explosion data: ..... N/A  
 Sensitivity to impact:.....none known  
 Sensitivity to static discharges:.....none known

## 5) Reactivity Data

Stability (normal conditions): .....stable  
 Conditions to avoid: ..... N/D  
 Conditions of reactivity: ..... N/D  
 Incompatibility (materials to avoid): Avoid contact with acids.  
 Hazardous decomposition products: .....none known

## 6) Toxicological Properties

Route of entry:  
 • skin contact  
 • eye contact  
 • inhalation  
 • ingestion  
 Effects of acute exposure:  
 • May cause skin irritation on prolonged contact.  
 • Severe irritant to the eyes.  
 • Mist may be irritating to the respiratory tract.  
 • May cause irritation and nausea if ingested.  
 Effects of chronic exposure: ..... N/D  
 Exposure limits: ..... N/D  
 Irritancy:..... may be an irritant to all parts of the body  
 Sensitization: ..... N/D  
 Synergistic mat: ..... N/D  
 Reproductive eff: ..... N/D  
 Teratogenicity: ..... N/D  
 Carcinogenicity: The ingredients of this product are not considered to be carcinogens by the National Toxicity Program, the International Agency for Research on Cancer or the Occupational Safety and Health Administration.  
 Mutagenicity: ..... N/D

## 7) Preventative Measures

Personal protective equipment:

- eye protection
- gloves
- clothing

Respiratory protection: .....Not normally required

Ventilation requirements: .....Mechanical (general)

Spill and leak procedures:

- Stop leak
- Ventilate area
- Use specified protective equipment
- Pickup with mineral absorbent
- Place in waste disposal container
- Wash down floor

Waste disposal: Dispose of contaminated material in accordance with local municipal regulations.

Handling procedures: Avoid contact with eyes, skin or clothes. Wash thoroughly after handling.

Storage requirements: Keep containers closed when not in use; store in a cool, dry place away from acids. Do not freeze.

Special handling information: .....None

## 8) First Aid Measures

Skin Contact: Remove contaminated clothing. Wash exposed area with a large quantity of soap solution or water for 10 min. Launder clothing before reuse. If irritation develops contact a physician.

Eye Contact: Immediately flush eyes with water for 15 minutes. Immediately contact a physician for additional treatment.

Inhalation: Remove victim from contaminated area to fresh air. Contact a physician immediately.

Ingestion: If awake, give plenty of water to drink. Do not induce vomiting. Visit physician immediately.

## 9) Other Information

none

## 10) Preparation Information

Prepared by:

HeatLink Group Inc.  
4603E - 13th Street N.E.  
Calgary, Alberta T2E 6M3

Date prep./rev.: 2007.10.01  
print date: 2007.10.01

phone: 403-250-3432  
toll free: 1-800-661-5332  
fax: 403-250-1155

N/D - no data  
N/A - not applicable  
N/E - not established

Information contained herein is compiled from sources believed to be reliable. The manner and conditions of use and handling may involve other and additional considerations. We accept no responsibility for accuracy, sufficiency, and reliability or for any loss or injury resulting from the use of this information.

L2831 - October 1, 2007

**Heat Link Canada**  
Manufactured & Distributed by HeatLink Group Inc.  
**Head Office:**  
4603E - 13th Street NE  
Calgary, AB, T2E 6M3  
Toll Free: 1-800-661-5332 Phone: (403) 250-3432  
Fax: 1-866-450-1155  
**Mississauga Office:**  
1555 Bonhill Road, Unit #7  
Mississauga, ON, L5T 1Y5  
Toll Free: 1-800-661-5332 Phone: (905) 795-8289  
Fax: 1-866-450-1155

**Heat Link China**  
Distributed by Cathy-Links International  
Phone: 852-25693213  
Fax: 852-25359271  
**Heat Link Ireland**  
Distributed by Jamoni Ltd.  
Phone: 057 - 932 4062  
Fax: 057 - 932 4063  
Free Phone: 1800-311338

**Heat Link Mexico**  
Distributed by Distributora Caisa S.A. de C.V.  
Phone: (52) 3300-4400  
Fax: (52) 3300-4406

**Heat Link USA**  
Distributed by HeatLink Group Inc.  
Toll Free: 1-800-661-5332  
Fax: 1-800-869-6098