

### 1) Product Identification

HeatLink® #01205 (Enercon EC-471)  
Material use: Boiler Water Treatment

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

WHMIS CLASSIFICATION: (D2b, D1b, D2a, E)

### 2) Hazardous Ingredients Of Material

Chemical Name:	Cas#	%Range	TLV (mg/m <sup>3</sup> )	LD50 (mg/kg)
Sodium Molybdate	7631-95-0	3 – 15	N/D	N/D
Sodium Tolytriazole	64665-57-2	1 – 5	1700	735 (oral rat)
Sodium Hydroxide	1310-73-2	0.5 – 1.5	2	500 (oral rabbit)

### 3) Physical Data

Physical state: ..... Liquid  
Odor and appearance:..... bland, clear liquid  
Odor threshold (ppm): .....N/D  
Specific gravity: ..... 1.1  
Vapor density (air=1): .....N/D  
Evaporation rate (butyl acetate = 1): .....<1  
Boiling point (°C): .....>100  
Freezing point (°C): .....N/D  
PH:..... 11.5  
Coef. Of water/oil distribution: .....N/D

### 4) Fire And Explosion Hazard Of Material

Flammability: ..... non-flammable  
Flash point (°C) and method: ..... none (closed cup)  
Hazardous combustion products: carbon monoxide, carbon dioxide, sulphur dioxide, may be liberated by heat.  
Upper flammable limit: ..... N/A  
Lower flammable limit: ..... N/A  
Auto-ignition temperature (°C):..... N/E  
Explosion data sensitivity to impact: ..... N/E  
Sensitivity to static discharge: ..... N/E

### 5) Reactivity data

Chemical stability:.....normally stable  
Incompatibility with other substances: avoid contact with acids or strong oxidizers.  
Reactivity and under what conditions: ..... stable  
Hazardous decomposition products: acids may liberate oxides of sulphur compounds.

### 6) Health Hazard Data

Route of entry:  

- skin absorption
- eye contact
- inhalation
- ingestion

 Effects Of Acute Exposure To Material:  

- Skin contact: prolonged contact may cause irritation.
- Eye contact: irritant.
- Inhalation: mist may be irritating to respiratory tract.
- Ingestion: may cause irritation and nausea.

 Effects of chronic exposure to material: .....N/D  
 Exposure limit: .....N/D  
 Sensitization of material: .....N/D  
 Synergistic materials: .....N/D  
 Teratogenicity: .....N/D  
 Reproductive toxicity: .....N/D  
 Mutagenicity: .....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.

### 7) Preventive Measures

Personal Protective Equipment:  

- Gloves: PVC or nitrile rubber
- Respiratory: not normally required.
- Eye: chemical goggles or face shield recommended.
- Footwear: no special footwear required.
- Clothing: no special clothing required.
- Other: eyewash fountain should be available.
- Engineering: normal ventilation.

 Leak and spill procedure: mop up or absorb using inert materials, such as diatomaceous earth or "Floor Dry".  
 Waste disposal: dispose of contaminated or neutralized material in accordance with local municipal regulations.  
 Handling procedures and equipment:..... normal.  
 Storage requirements: keep container tightly closed when not in use. Store in well ventilated area in temperature between 0°C and 40°C.

## 8) - First Aid Measures

Skin Contact: wash skin thoroughly with soap and water.

Eye Contact: immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Obtain prompt medical attention.

Inhalation: remove patient to fresh air. Obtain prompt medical attention. Assist breathing with oxygen.

Ingestion: do not attempt to give anything by mouth to an unconscious person. If victim is alert and not convulsing, rinse mouth out and give 1/2 to 1 glass of water to dilute material. IMMEDIATELY contact local poison control centre. Vomiting should only be induced under the direction of a physician or a poison control centre. If spontaneous vomiting occurs, have a victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. IMMEDIATELY transport victim to an emergency facility.

## 9) Other Information

none

## 10) Preparation Information

Prepared by:

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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.

### Heat Link Canada

Manufactured & Distributed by HeatLink Group Inc.

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