

Section 01: Identification

Product Name: HeatLink #01321 (Enercon EC-517)
Recommended Use: Boiler Water Treatment

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:
Colour: Amber
Odour: Slight Odour
Hazard Statement: When used according to direction, there is no known hazard associated with this product.

Section 03: Composition/Information on Ingredients

This Product Contains No Hazardous Ingredients As Defined By WHMIS Regulation.

Section 04: First Aid Measures

- Skin: Flush skin thoroughly for at least 5 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 irritation or breathing difficulties persist.
- Ingestion: If swallowed, water or milk may be administered. Never give anything by mouth to an unconscious person. Seek medical attention if gastrointestinal symptoms develop or persist.

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: None Known.
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: Avoid entry of product into the sewage system or water streams.
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: Amber
Odour: Slight Odour
Odour threshold: Not Available
pH @ 10%: 3.74
Melting point / Freezing point (°C): 1° C
Initial boiling point and boiling range (°C): 100° C
Flash point (°C): Not Applicable
Evaporation rate: <1
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 Available
Decomposition temperature: Not Available
Specific Gravity: 1.035

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 bases and strong oxidizing agents.
Reactivity and under what conditions: Normally Stable.
Hazardous decomposition products: None Known.

Section 11: Toxicological Information

This Product Contains No Hazardous Ingredients As Defined By WHMIS Regulation.

Effects of acute exposure

Skin Contact: Not Usually.
Skin Absorption: Not Applicable
Eye: Slight Irritation.
Inhalation: Not Usually.
Ingestion: Not Usually.

Effects of chronic exposure

Chronic Exposure Overview: Chronic effects include allergic reactions (headaches, difficulty breathing, rapid heart rate and anaphylaxis) in susceptible individuals. Under normal circumstances, no adverse reaction to this product is expected.
Skin Contact: Prolonged contact may result in slight irritation.
Skin Absorption: Not Applicable
Eye: Prolonged contact will result in irritation causing redness and tearing.
Inhalation: Prolonged exposure to mist may cause nasal discomfort.
Ingestion: Low oral toxicity. Ingestion of large quantities may result in nausea and vomiting.
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.
Freeze at: 1° 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.