

## MATERIAL SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

|   |               |               |
|---|---------------|---------------|
| Product Name: Hydro-Balance Hydro-Treat Color Coded Cooling Water Treatment | Date Prepared | Mar. 31, 2003 |
| Product Number(s): H-901, H-906, H-920, H-955                               | Replaces      | Sep. 02, 1997 |
| Product Use: Water Treatment  |               |               |
| Company Name: North American Research Corporation                           |               |               |
| P.O. Box 1318   |               |               |
| Lewisville, TX 75067  |               |               |

Telephone Numbers: (972) 492-1800, (800) 527-7520, Fax (972) 394-6755  
 Emergencies: Infotrac (800) 535-5053 (24 hours, everyday)

### SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

|                             | <u>CAS<br/>Registry No.</u> | <u>OSHA PEL</u>             | <u>ACGIH TLV</u>            | <u>Other Limits</u> | <u>%<br/>(Optional)</u> |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|-------------------------|
| Soluble Molybdenum Compound | 7631-95-0                   | (as Mo) 5 mg/m <sup>3</sup> | (as Mo) 5 mg/m <sup>3</sup> | None known          | —                       |

### SECTION 3 HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This product may irritate eyes on contact, but no reaction is expected on skin contact. Oral ingestion may cause some gastrointestinal distress.

**POTENTIAL HEALTH EFFECTS**

**PRIMARY ROUTE(S) OF ENTRY:**

**INHALATION:** Not likely to be inhaled as product is liquid that does not fume in its concentrate form or during normal use.

**SKIN:** May be mildly irritating.

**EYES:** Mildly irritating.

**INGESTION:** May cause some gastrointestinal distress.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Chemically sensitive individuals may develop a skin rash or irritation upon skin contact or prolonged use.

**CHRONIC EFFECTS:** None known. No components are listed as a carcinogen by IARC Monographs, NTP, or OSHA.

### SECTION 4 FIRST AID MEASURES

**INHALATION:** Remove to fresh air. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Get medical attention.

**SKIN:** Wash thoroughly with soap and water. If irritation develops and persists, get medical attention.

**EYES:** Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

**INGESTION:** Do not induce vomiting. Give several glasses of water and get immediate medical attention.

### SECTION 5 FIRE-FIGHTING MEASURES

**FLASHPOINT:** None      **METHOD:** Not applicable      **LEL:** Not applicable      **UEL:** Not applicable

**FLAMMABILITY CLASS:** Not applicable

**AUTOIGNITION TEMP:** Not applicable

**EXTINGUISHING MEDIA:** Use as appropriate for surrounding fire.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:** No special procedures or instructions related to this product.

**UNUSUAL FIRE and EXPLOSION HAZARDS:** None Known.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**SMALL SPILLS:** Flush to drain with plenty of water. **CAUTION:** This product will stain in its concentrated form.

**LARGE SPILLS:** Dike area to contain material. Place in suitable clean, dry containers for disposal by approved methods.

Follow all federal, state and local regulations for releases and when disposing.

### SECTION 7 STORAGE AND HANDLING

**STORAGE CONDITIONS:**

Store in labeled, sealed containers in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Do not remove or deface label. Do not reuse containers.

**HANDLING PROCEDURES:**

Wash hands thoroughly after use and before eating, drinking, or using the restroom. Any clothing or shoes which become contaminated should be removed immediately and thoroughly washed before wearing again.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

EXPOSURE LIMITS: See section 2.  
 RESPIRATORY PROTECTION: Not required for normal use  
 EYE PROTECTION: Safety glasses or chemical goggles  
 SKIN PROTECTION: Rubber gloves  
 ENGINEERING CONTROLS (Ventilation): As required to maintain levels below exposure limits. Special ventilation requirements are not usually necessary for normal use.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

|   |  |
|---|--|
| APPEARANCE AND ODOR: Dark blue liquid; practically odorless |  |
| SPECIFIC GRAVITY: 1.02                                      | pH: 7.6  |
| MELTING POINT: Not applicable                               | SOLUBILITY IN WATER: Complete                        |
| VAPOR DENSITY: Not determined                               | BOILING POINT: > 212°F                               |
| VAPOR PRESSURE: Not determined                              | EVAPORATION RATE (Butyl Acetate = 1): Not determined |

**SECTION 10 STABILITY AND REACTIVITY**

STABILITY: Stable  
 CONDITIONS TO AVOID: None known  
 INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents  
 HAZARDOUS POLYMERIZATION: Will not occur  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide

**SECTION 11 TOXICOLOGICAL INFORMATION**

No specific data are available.

**SECTION 12 ECOLOGICAL INFORMATION**

No specific data are available.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, state, and local regulations.

**SECTION 14 TRANSPORT INFORMATION**

U.S. Department of Transportation:  
 Not regulated

**SECTION 15 REGULATORY INFORMATION**

TSCA: All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory.  
 CERCLA: No reportable ingredients  
 SARA TITLE III:  
 Section 311/312 Hazard Category: Acute: No      Chronic: No      Fire: No      Pressure: No      Reactive Hazard: No  
 Section 313 Reportable Ingredients: None

**SECTION 16 OTHER INFORMATION**

NFPA RATING: Health – 1, Flammability – 0, Reactivity – 0  
 HMIS® RATING: Health – 1, Flammability – 0, Reactivity – 0  
 HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA). HMIS® materials may be purchased exclusively from Labelmaster, 1-800-621-5808.

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