

**MATERIAL SAFETY DATA SHEET****SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION**

Product Name: Hydro-Balance Super H.D. Cleaner  
 Product Number(s): H-1501, H-1506, H-1555  
 Product Use: Parts Cleaner  
 Company Name: North American Research Corporation  
 P.O. Box 1318  
 Lewisville, TX 75067

Date Prepared Jan. 23, 2001  
 Replaces Sep. 02, 1997

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**

OSHA Hazardous Components (29 CFR 1910.1200):

	CAS Registry No.	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Sodium Metasilicate	6834-92-0	Not established	Not Established	None	< 10
Dipropylene glycol methyl ether	34590-94-8	100 ppm	100 ppm	STEL 150 ppm (Skin)	< 8

**SECTION 3 HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW:

CAUTION! May be irritating to the eyes and skin.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Causes eye irritation.

SKIN CONTACT: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INHALATION: Not expected to be an inhalation hazard during normal use.

INGESTION: May be irritating to the mouth, throat, and stomach.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

May exacerbate existing dermatitis.

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

**SECTION 4 FIRST-AID MEASURES**

EYE CONTACT:

Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT:

Remove contaminated clothing. Wash contact area with soap and water. Get medical attention if irritation develops or persists. Launder clothing before reuse.

INHALATION:

Move person to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

INGESTION:

If swallowed, DO NOT induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**SECTION 5 FIRE-FIGHTING MEASURES**

FLASHPOINT: Not flammable METHOD: Not applicable

FLAMMABLE LIMITS: LEL: Not applicable UEL: Not applicable

AUTOIGNITION TEMP: Not applicable

FIRE EXTINGUISHING MEDIA:

Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire-exposed containers cool.

SPECIAL INFORMATION:

As in any fire, wear full protective clothing and NIOSH approved, self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Contain liquid to prevent contamination of soil, surface water or ground water. Clean up residual with non-combustible absorbent material and wash with water. Collect material in suitable and properly labeled containers.

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**SECTION 7 STORAGE AND HANDLING**

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**HANDLING:**

Avoid skin and eye contact. Wash thoroughly after handling, before eating or drinking, and before using the restroom.

**STORAGE:**

Store in closed, properly labeled, original containers. Do not remove or deface label or tag.

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**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**EXPOSURE CONTROLS:**

No special ventilation requirements.

**PERSONAL PROTECTION:**

Wear safety glasses with side shields and protective gloves. Where spray mist is apparent, use mask for inhalation protection.

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE AND ODOR:** Fluorescent yellow liquid. Slight odor.

**SPECIFIC GRAVITY:** 1.09

**VAPOR PRESSURE:** Not determined

**VAPOR DENSITY:** Not determined

**SOLUBILITY IN WATER:** Complete

**pH:** 12-12.2

**BOILING POINT:** 212°F (Approximate)

**FREEZING / MELTING POINT:** Not applicable

**EVAPORATION RATE (Butyl Acetate = 1):** < 1

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**SECTION 10 STABILITY AND REACTIVITY**

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**STABILITY:** Stable

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBILITY (Materials to Avoid):** Oxidizing materials.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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No information available.

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**SECTION 12 ECOLOGICAL INFORMATION**

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No information available.

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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Dispose of container and unused contents in accordance with federal, state and local requirements.

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**SECTION 14 TRANSPORT INFORMATION**

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U.S. Department of Transportation:

Not regulated.

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**SECTION 15 REGULATORY INFORMATION**

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**TSCA:** All components of this product are listed on the TSCA inventory.

**CERCLA:** No reportable ingredients

**SARA TITLE III:**

Section 311/312 Hazard Category: Acute: Yes Chronic: No Fire: No Pressure: No Reactive Hazard: No

Section 313 Reportable Ingredients: None

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**SECTION 16 OTHER INFORMATION**

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**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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