

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

CHM00138

X46010090-010



IDENTITY (As Used on Label and List)

HYDRO-BALANCE SUPER H.D. CLEANER

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

(#H-1501), H-1506, H-1555

Manufacturer's Name

North American Research Corporation

Emergency Telephone Number

(972) 492-1800 DURING TRANSIT-INFOTRAC 800-535-5053

Address (Number, Street, City, State, and ZIP Code)

P.O. Box 1318

Telephone Number for Information

(972) 492-1800

Lewisville, TX 75067

Date Prepared

9/02/97

Signature of Preparer (optional)

[Handwritten Signature]

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Metasilicate Pentahydrate (CAS #6834-92-0)	2mg/m ³ -8hr	2mg/m ³ -8hr	N/A	<6
2-Amino-ethanol (CAS #141-43-5)	3ppm	3ppm	3ppm	<5

NFPA HAZARD RATEING:

pH = 12-12.5

SHIPPING DESCRIPTION

"1" Health

Compound Cleaning Liquid NOS

"0" Combustible

(Non-Hazardous)

"0" Reactive

Section III - Physical/Chemical Characteristics

Boiling Point	210°F	Specific Gravity (H ₂ O = 1)	1.099
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	.998

Solubility in Water Complete

Appearance and Odor

Thin Yellow Liquid; Mild Glycol Odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limits	LEL N/A	UEL N/A
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Extinguishing Media

Use appropriate extinguishing media for surrounding fire.

Special Fire Fighting Procedures

Not flammable, use water spray to keep containers cool.

Unusual Fire and Explosion Hazards

No explosion hazards, however in a severe fire where containers may burn, alkaline vapors may exist.

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid Strong acids
	Stable	X	

Incompatibility (Materials to Avoid) Strong acids

Hazardous Decomposition or Byproducts
Thermal decomposition may release carbon monoxide, otherwise alkaline vapors may be released.

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? X Skin? X Ingestion? X

Health Hazards (Acute and Chronic)
SKIN: possibly a skin irritant. May cause reddening to swelling of hands.

EYES: severe eye irritant in concentrated form. Mists may injure the eyes.

INGESTION: may cause nausea, vomiting and diarrhea.

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

Signs and Symptoms of Exposure
Possible drying or reddening of skin.

Medical Conditions
Generally Aggravated by Exposure Existing dermatitis

Emergency and First Aid Procedures
SKIN: if clothing soaked, remove and wash skin with plenty of water. Launder clothes before reusing. EYES: rinse with water. If irritation persist see a physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Contain spill. Transfer large spills into drums. Dilute small spills and mop up with water. Large spills - abide by local, state and federal regulations.

Waste Disposal Method
Dilute small spills with plenty of water and flush to drain.

Precautions to Be Taken in Handling and Storing
Replace bungs and caps on containers after use. Always wear gloves and eye protection (goggles or safety glasses). Keep containers in a dry, cool place.

Other Precautions
Read entire label before using. For use by trained personnel only. For Industrial and Institutional use only. Keep out of reach of Children.

Section VIII — Control Measures

Respiratory Protection (Specify Type) None required

Ventilation	Local Exhaust	Recommended	Special	N/A
	Mechanical (General)	N/A	Other	N/A

Protective Gloves Recommended (rubber) Eye Protection Recommended (goggles)

Other Protective Clothing or Equipment N/A

Work/Hygienic Practices
Do not smoke while using this product. Wash hands before eating, drinking or using restrooms after use.