

REC'D SEP 07 1999

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#N88

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) **CHM 00141**
Form Approved
OMB No. 1218-0072 **X46010093-010**



IDENTITY (As Used on Label and List)
HYDRO-BALANCE ENVIRO-COIL CONCENTRATE

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-EC01, H-EC06, H-EC55)

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 7/1/99	
	Signature of Preparer (optional) <i>P. Stanley</i>	

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Metasilicate (CAS #6834-92-0)	2mg/m ³ 3hr	2mg/m ³ 3hr	N/A	<10

NFPA HAZARD RATING: pH = 12-12.2 **SHIPPING DESCRIPTION:**

"1" Health Compound Cleaning Liquid

"0" Flammable NOS (Non-Hazardous)

"0" Reactivity

Section III — Physical/Chemical Characteristics

Boiling Point Initial 212°F	Specific Gravity (H₂O = 1) 1.05
Vapor Pressure (mm Hg.) Not Det.	Melting Point N/A
Vapor Density (AIR = 1) 1	Evaporation Rate (Butyl Acetate = 1) >1
Solubility in Water Complete	
Appearance and Odor Clear liquid; Odorless	

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Not flammable	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
None. Use correct fire fighting procedures and protection gear for surrounding fire.

Unusual Fire and Explosion Hazards
None. However, alkaline vapors/mist may be released when boiling point is reached.

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		
Incompatibility (<i>Materials to Avoid</i>)				
None				
Hazardous Decomposition or Byproducts				
None				
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	X	X
Health Hazards (<i>Acute and Chronic</i>)			
Acute: Corrosive to the eyes, skin and stomach. Inhalation may result in varying degrees of irritation to the respiratory tract tissue.			
Carcinogenicity:			
NTP?	IARC Monographs?	OSHA Regulated?	
NO	NO	NO	
Signs and Symptoms of Exposure			
Possible reddening of skin due to detergent content. Vapors may be irritating to mucous membranes in the nose and throat.			
Medical Conditions			
Generally Aggravated by Exposure May exacerbate an existing dermatitis.			
Emergency and First Aid Procedures			
INHALATION: Remove to fresh air. INGESTION: Drink plenty of water. Induce vomiting, call physician.			
SKIN: Wash thoroughly with water. EYES: Flush thoroughly and call physician.			
Section VII — Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled			
Small spills should be flushed with water. Large spills should be soaked up with rags and disposed of in trash receptacle.			
Waste Disposal Method			
For small spills, flush down drain with plenty of water. For soaked rags, dispose of in garbage receptacle.			
Precautions to Be Taken in Handling and Storing			
Avoid skin and eye contact. Use with adequate ventilation. Keep containers out of direct sunlight.			
Always keep caps tightly closed on containers.			
Other Precautions			
For use by trained personnel only. For industrial and institutional use only. Keep out of reach of children.			

Section VIII — Control Measures

Respiratory Protection (<i>Specify Type</i>)			
In cases where spray mist is apparent, use mask for inhalation protection.			
Ventilation	Local Exhaust	Yes	Special
	Mechanical (<i>General</i>)	N/A	Other
			N/A
Protective Gloves	Rubber	Eye Protection	Plastic goggles
Other Protective Clothing or Equipment			
Long sleeve shirt is recommended.			
Work/Hygienic Practices			
Wash hands thoroughly after use and before eating, drinking or smoking.			