

REC'D FEB 15 1999

MSDS #N103

6122

**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 *CHM00134*  
OMB No. 1218-0072 *X46010086-010*



IDENTITY (As Used on Label and List)  
HYDRO-BALANCE SELF-RINSING EVAPORATOR BASE

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-SR32) H-SR01

Manufacturer's Name North American Research Corporation	Emergency Telephone Number (972) 492-1800
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) <i>[Signature]</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 <sup>3</sup> 3hr	2mg/m <sup>3</sup> 3hr	N/E	<27

NFPA HAZARD RATING: "1" Health "0" Flammable "0" Reactivity	pH = 12-12.5	SHIPPING DESCRIPTION: Compound Cleaning Liquid NOS (Non-Hazardous)
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**Section III — Physical/Chemical Characteristics**

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.10
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	1

Solubility in Water: Complete  
Appearance and Odor: Light green liquid; Bland odor

**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: Not flammable. Use appropriate extinguishing media for surrounding fire.

Special Fire Fighting Procedures: None. Use standard fire fighting procedures on surrounding fire.

Unusual Fire and Explosion Hazards: Not flammable, but alkaline vapors will occur when product reaches boiling point.

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**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid Strong acids
	Stable	X	

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts  
Thermal decomposition will release carbon monoxide and carbon dioxide.

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

**Section VI — Health Hazard Data**

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

Health Hazards (Acute and Chronic)  
Dermal contact is expected to be primary route of exposure. This product is considered to be an irritant to the skin and eyes.

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

Signs and Symptoms of Exposure  
Eye and skin damage may occur at high concentrations. Oral doses may be corrosive to mouth, esophagus and stomach.

Medical Conditions  
Generally Aggravated by Exposure Existing dermatitis

Emergency and First Aid Procedures  
SKIN: flush area with plenty of water. EYES: flush eyes thoroughly with plenty of water, see physician. INGESTION: drink plenty of milk and see a physician.

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled  
Contain large spills and leaks to prevent discharge to the environment. Small spills: mop up and flush area with plenty of water.

Waste Disposal Method  
In case of large spills, consult with local, state & federal agencies. Always abide by Federal, State & Local regulations and laws.

Precautions to Be Taken in Handling and Storing  
Store containers out of direct sunlight and in an area with adequate ventilation.

Other Precautions  
Read entire label before using. Keep out of reach of children. For Professional use only. For Industrial & Institutional use.

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)  
Chemical dust mask

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

Protective Gloves Rubber or laytex Eye Protection  
Chemical goggles or face shield

Other Protective Clothing or Equipment  
Normal work clothes

Work/Hygienic Practices  
Wash hands after use & before eating or drinkin. Do not smoke in work area.