

# MATERIAL SAFETY DATA SHEET

(SIMILAR TO OSHA FORM 174)

N.A. - Not Applicable  
Not Est. - Not Established  
Prop. - Proprietary

## SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: HD 2000  
Product #: 1020  
Supplier's Name: National Chemical Laboratories of PA, Inc.  
Supplier's Address: 401 N. 10th Street  
Philadelphia, PA 19123

Chemical Name: N.A. Proprietary Blend  
Chemical Family: Alkaline Detergent  
Formula: N.A. Blended Product  
Emergency Phone #: 1 (215) 922-1200

### HMIS Hazard Code

Health	2
Flammability	0
Reactivity	0
Other	0

## SECTION 2-HAZARDOUS INGREDIENTS AND FIVE MAJOR COMPONENTS

CHEMICAL NAME	CAS NO.	% Concentrate Range	Hazard Ratings (TLV/PEL)
Water	7732-18-5	PROP.	None
2 Butoxy Ethanol	111-76-2	PROP.	25 ppm
Xylenesulfonic Acid Sodium Salt	1300-72-7	PROP.	Not Est.
Polyethylene Mono (Nonylphenyl) Ether Glycols	9016-45-9	PROP.	Not Est.
Sodium Silicate	13870-28-5	PROP.	5 MG/M3
Triphosphoric Acid Penta Sodium Salt	7758-29-4	PROP.	6.5 g/Kg (LD50 Oral)
Potassium Hydroxide	1310-58-3	PROP.	2MG/M3

## SECTION 3-PHYSICAL DATA

Boiling Point (F): 212 °  
Vapor Pressure: = To Water  
Vapor Density: = To Water  
Solubility in Water: Complete  
Appearance: Clear, Thin, Green  
Liquid  
Odor: Buttery Citrus

Specific Gravity: 1.040  
% Volatiles By Weight: 90.0  
Evaporation Rate: = To Water  
pH: 13.1

## SECTION 4-FIRE AND EXPLOSION DATA

Flash Point (F): None to boiling (TOC)  
Flammable Limits: Not Est.  
Unusual Fire & Explosion Hazards: None

## SECTION 5-HEALTH HAZARD DATA

Route(s) of Entry: Inhalation:No Skin:Yes Ingestion:Yes Threshold Limit Value: Not Est.  
Effects of Overexposure: Causes skin and eye irritation. Harmful if swallowed. May cause severe mucosal damage and gastric distress. May cause systemic intoxication.  
Emergency & First Aid Procedures: For Eyes: Flush with water for at least fifteen minutes. Get medical aid. For Skin: Thoroughly wash with water and apply emollient creme. If irritation persists get medical aid. If Ingested: Do not induce vomiting. Give milk, egg white, gelatin, or water. Get immediate medical aid.  
Conditions Aggravated by Exposure: May aggravate existing dermatitis and irritate sensitive skin.

Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

## SECTION 6-REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: None  
Incompatibility: Acids and Oxidizers  
Hazardous Decomposition Products: Carbon Oxides and Amines  
Hazardous Polymerization: Will not occur.

## SECTION 7-SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled:  
Recontainerize by mopping, wet vacuum, or suitable absorbent.  
Be cautious of slippery floors.  
Waste disposal method: Follow local, state, and federal regulations.

## SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Generally not required.  
Ventilation: Local.  
Protective Gloves: Rubber or latex.  
Eye Protection: Goggles or safety glasses with shields.  
Other Protective Equipment: Rubber boots should be worn if standing in solution

## SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40° and 120° F.  
Other Precautions: Thoroughly wash all contaminated clothing before reuse. Keep out of reach of children. For sale to, use and storage by service personnel only.

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions of handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.