

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: Astro-Chem Industrial Degreaser Cleaner Concentrate	Product #: 1020
Supplier's Name: National Chemical Laboratories of PA, Inc.	
Supplier's Address: 401 N. 10th Street • Philadelphia, PA 19123	Emergency Phone #: CHEM-TEL (800)-255-3924
HMIS Hazard Code: Health:2 Flammability:0 Reactivity: 0 Other:0	Chemical Name: N.A. Proprietary Blend
Chemical Family: Alkaline Detergent	Formula: N.A. Blended Product
D.O.T. Shipping Name: CORROSIVE LIQUID n.o.s. (contains potassium hydroxide)	
Hazard Class: 8	D.O.T. ID#: UN1760

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	% Concentrate Range	Hazard Ratings (TLV/PEL)
2-Butoxy Ethanol	111-76-2	PROP.	25 ppm
Polyethylene Mono (Nonylphenyl) Ether Glycols	9016-45-9	PROP.	Not Est.
Sodium Silicate	13870-28-5	PROP.	5MG/M3
Potassium Hydroxide	1310-58-3	PROP.	2MG/M3
Dodecyl Benzen Sulfonic Acid SodiumSalt	25155-30-0	PROP.	Not Est.

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
Evaporation Rate: = To Water

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 working in standing 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.

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DATE PREPARED-10/05/00 By: G.C.