

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 FLASH Odorless / No Rinse Speed Stripper **Product #** 1052
Supplier's Name National Chemical Laboratories, Inc.
Supplier's Address 401 N. 10th Street, Philadelphia, PA 19123
HMIS Hazard Code **Health** 2 **Flammability** 1 **Physical Hazard** 0
Chemical Family Blended Alkaline Detergent
DOT Shipping Name For transportation information please contact NCL at 1-215-922-1200.

Emergency Phone No (800) 255-3924
Chemical Name N.A. Proprietary Blend
Formula N.A. Blended Product

Hazard Class
PKG Group
DOT ID #

Section 2 - Hazardous Ingredients

CHEMICAL NAME	CAS NUMBER	% Concentration Range	ACGIH	Exposure Limit TLV/PEL
2-Amino Ethanol	141-43-5	PROP.	3 ppm	3 ppm
2-(2-Butoxyethoxy) Ethanol*	112-34-5	PROP.		6.5 g/kg
Dipropylene Glycol Butyl Ether	29911-28-2	PROP.		Not Est.

* Subject to reporting requirements of Section 313 of Title III of S.A.R.A.

Section 3 - Physical Data

Boiling Point (F) 212 **Specific Gravity** 1.02 ± 0.01
Vapor Pressure = To Water **Evaporation Rate** = To Water
Vapor Density = To Water **pH**
Solubility in Water Complete **pH(1)**
Appearance Clear, Thin, Liquid **pH(2)**
Odor Non Descriptive **VOC Content**
Flash Point (F) >200 (TCC)

Section 4 - Fire and Explosion Data

Flammable Limits Not Est. **LEL** **UEL**
Fire Fighting Equipment
Extinguishing Media
Unusual Fire Explosion Hazards Heated material may liberate toxic fumes. Wear self contained breathing apparatus.
Hazardous Combustion Products

Section 5 - Health Hazard Data

Routes of Entry **Inhalation** **Skin** **Ingestion**
Effects of Over exposure Causes skin and eye burns. Harmful if swallowed. May cause severe mucosal damage and gastric distress. May cause systemic intoxication. Inhalation of vapors or mist may cause respiratory irritation.
Emergency and First Aid Procedures For Eyes: Rinse thoroughly with water for at least fifteen minutes. If irritation persists seek medical attention. For Skin: Thoroughly wash with water and apply emollient creme. If irritation persists seek medical attention. If ingested: Do not induce vomiting. Give milk, egg white, gelatin, or water. Seek immediate medical attention. Never give anything by mouth to an unconscious person. If inhalation causes irritation move to fresh air. If symptoms persist, seek medical attention.
Conditions Aggravated by Exposure May aggravate existing dermatitis and irritate sensitive skin. May irritate any pre-existing pulmonary conditions. **Threshold Limit Value** Not Est.
Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount) None

Statement regarding Green Seal, Inc. Certification

Section 6 - Reactivity Data

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

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Section 7 - Spill and Leak Procedures

Spill Steps Recontainerize by mopping, wet vacuum, or using a suitable absorbent. Rinse remaining material to drains. Be cautious of slippery floors.

Waste Disposal Method Follow local, state, and federal regulations.

Section 8 - Special Protection Information

Respiratory Protection Not typically required if good general ventilation is provided. If ventilation is insufficient and occupational exposure limits are exceeded, a program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed.

Ventilation Good general ventilation is required. Local exhaust ventilation is preferred for some applications.

Protective Gloves Water impervious such as latex, nitrile or neoprene gloves.

Eye Protection Goggles or safety glasses with side shields

Other Protective Equipment Rubber boots should be worn if working in standing solutions

Work /Hygenic Practices

Section 9 - Special Precautions

Precautions Handling Storage Store in sealed container, in cool dry location in a well ventilated area.

Other Precautions Remove contaminated clothing. Wash all contaminated clothing thoroughly before reuse. Keep out of reach of children. For Commercial and Industrial Use Only.

CA Proposition 65 Statement

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 or 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 be covered by this MSDS. The user is responsible for full compliance

Date Prepared 12/23/2013 **Prepared By** J.B.