

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 CYCLONE Intensive Ceramic Tile / Grout Cleaner **Product #** 2516
Supplier's Name National Chemical Laboratories, Inc.
Supplier's Address 401 N. 10th Street, Philadelphia, PA 19123
HMIS Hazard Code **Health** 3 **Flammability** 0 **Physical Hazard** 0
Chemical Family Detergent Blend
DOT Shipping Name For transportation information please contact NCL at 1-215-922-1200.

Emergency Phone No (800) 255-3924
Chemical Name Alkaline Detergent
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
Polyethylene Mono (Nonylphenyl) Ether Glycols	9016-45-9	PROP.		Not Est.
Sodium Hydroxide	1310-73-2	PROP.		C 2 mg/m3
2-Butoxyethanol*	111-76-2	PROP.	20 ppm	50 ppm
Sodium DimethylBenzeneSulfonate	1300-72-7	PROP.		Not Est.

* Subject to reporting requirements of Section 313 of Title III of S.A.R.A., All components of this product are listed on the TSCA inventory.

Section 3 - Physical Data

Boiling Point (F) 212 **Specific Gravity** 1.05 ± 0.02
Vapor Pressure = To Water **Evaporation Rate** = To Water
Vapor Density = To Water **pH**
Solubility in Water Complete **pH(1)**
Appearance Thin, Clear, Green Liquid **pH(2)**
Odor Buttery Citrus **VOC Content**
Flash Point (F) None to boiling (TOC)

Section 4 - Fire and Explosion Data

Flammable Limits Not Est. **LEL** **UEL**
Fire Fighting Equipment
Extinguishing Media
Unusual Fire Explosion Hazards None
Hazardous Combustion Products

Section 5 - Health Hazard Data

Routes of Entry **Inhalation** **Skin** **Ingestion**
Effects of Over exposure Causes eye burns. Causes skin burns. Causes respiratory tract irritation. Causes digestive tract burns. May cause systemic intoxication.
Emergency and First Aid Procedures For Eyes: Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Check and remove contact lenses. Continue to rinse for at least 10 minutes. For Skin: Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention. Wash contaminated clothing before reuse. For Inhalation: If respiratory irritation or distress occurs, remove victim to fresh air. If breathing is difficult, give Oxygen. If breathing stops, apply artificial respiration. CONSULT A PHYSICIAN. If Ingested: Rinse mouth thoroughly with water. DO NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration. Call a physician or poison control center immediately.
Conditions Aggravated by Exposure May aggravate existing dermatitis and irritate sensitive skin. **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 Avoid contact with strong 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 Generally not required. Use a respirator when local exhaust or ventilation is not adequate to keep exposures below the OEL.

Ventilation Provide adequate ventilation and minimize the risk of inhalation of vapors and mists.

Protective Gloves Wear appropriate chemical resistant gloves.

Eye Protection Goggles or safety glasses with side shields.

Other Protective Equipment Provide easy access to water supply and eye wash facilities.

Work /Hygenic Practices

Section 9 - Special Precautions

Precautions Handling Storage Do not get in eyes, on skin, or on clothing. Do not breathe mist or vapor. Do not taste or swallow. Use with adequate ventilation. Wash thoroughly after handling. Store away from incompatible materials. Keep container closed. Store in cool, dry, 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 2/26/2013 **Prepared By** J.B.