

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: TWIN POWER™ #17 HD Detergent / Disinfectant
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMIS Hazard Code: Health: 2 Flammability: 0 Reactivity: 0 PPE: A
Chemical Family: Quaternary Ammonium Chloride Blend
D.O.T. Shipping Name: N/A

Product #: 4017
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: N/A **D.O.T. ID#:** N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
N-Alkyl Dimethylbenzyl Ammonium Chloride	68391-01-5	PROP.	250 mg/Kg (LD50 Oral)
N-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	PROP.	250 mg/Kg (LD50 Oral)

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 212
Vapor Pressure: = To Water
Vapor Density: = To Water
Solubility in Water: Complete
Appearance: Opaque, Thin, Blue, Liquid
Odor: Sienna

Specific Gravity: 1.040
Evaporation Rate: = To Water

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (°F): None to boiling (TOC)
Flammable Limits: N/A
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. May be harmful if swallowed. Ingestion may cause severe gastric irritation and toxic reaction.
Emergency & First Aid Procedures: **For Eyes:** Flush eyes with water for at least fifteen minutes. If irritation persists seek medical attention. **For Skin:** Flush skin thoroughly with water. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Give milk, egg white, gelatin or if none of these are available give large quantities of water. Seek medical attention. Never give anything by mouth to an unconscious person.
Conditions Aggravated by Exposure: May aggravate existing dermatitis or cause irritation to sensitive skin.
Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

SECTION 6 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Incompatibility: Avoid contact with 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 using a suitable absorbent. Be cautious of slippery floor.
Waste disposal method: Follow local, state and federal regulations. Follow local, state and federal regulations. See product label for EPA disposal requirements.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required
Ventilation: Local
Protective Gloves: Latex or rubber
Eye Protection: Goggles or safety glasses with side shields.
Other Protective Equipment: Rubber boots should be worn if working in standing solutions.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40°F and 120°F
Other Precautions: It is a violation of federal law to use this product in a manner inconsistent with its labeling. Keep out of reach of children. For professional use only.

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Date Prepared – 02/09/09 By: G.C.