

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-129

ISSUE DATE: 02/11/03

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1. PRODUCT AND COMPANY IDENTIFICATION

Church & Dwight Co., Inc.
469 N. Harrison Street
Princeton, NJ 08540

Product Name

Emergency Phone:
1-609-683-5900 (U.S.A.)

SCRUB FREE SOAP SCUM REMOVER

Medical Emergency Phone:
1-888-234-1828

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients</u>	<u>% By Wt.</u>	<u>CAS Number</u>
Sulfamic Acid	1 - 5	5329-14-6
(C10-C16) Dialkylamine Oxide	1 - 5	70592-80-2

Contains no other hazardous ingredients at 1% or more (0.1% for carcinogens) as listed or defined in 29 CFR 1910 Subpart Z. Contains no components that are reported to be carcinogenic by any reference source including IARC, OSHA, NTP and NIOSH.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
Clear, slightly yellow viscous liquid.	
Severe eye irritant. May cause eye burns.	
May cause skin irritation or burning if skin is broken.	
Can react with alkaline materials or metals. Can emit toxic fumes if mixed with products containing chlorine or other sanitizing ingredients.	
Not a fire hazard.	
<u>HMIS Rating</u>	
Health	1
Fire	0
Reactivity	0

Potential Health Effects

EYE: Potential for severe irritation and burns. Effects will be minimized with immediate washing.

SKIN CONTACT: Varying severities of irritation are possible from prolonged, repeated, or occluded exposure to intact skin. May cause burning to broken or abraded skin.

INGESTION: Ingested amounts may cause irritation, burning, nausea and vomiting.

INHALATION: Inhaled mists may cause irritation to the upper respiratory tract.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with a directed stream of cool water for 15 minutes, while holding eyelids apart to insure complete irrigation of all eye and lid tissues. Get immediate medical attention.

SKIN: Remove contaminated clothing, including footwear. Wash contaminated areas thoroughly with soap and water. Wash clothing before reuse. Do not reuse footwear that is contaminated on the inner surfaces. Get medical attention if irritation develops.

INHALATION: If symptoms develop, get person out of contaminated area to fresh air. Treat symptomatically and supportively. Seek medical attention if symptoms persist.

INGESTION: If ingested, do not induce vomiting. Do not give carbonates or bicarbonates. If the patient is conscious and can swallow, first rinse out mouth and then give one or two glasses of water to drink. **Never give anything by mouth to an unconscious person.** Get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLAMMABLE LIMITS

FLASHPOINT: Not combustible

LFL: Not combustible

METHOD USED: Not applicable

UFL: Not combustible

EXTINGUISHING MEDIA: Non-combustible material. Use extinguishing media appropriate for surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Use a self-contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

6. ACCIDENTAL RELEASE MEASURES

Wear personal protective equipment (See Section 8). Close off area to traffic. Large spills should be contained, pumped into containers, or absorbed onto commercial absorbent and placed in containers for disposal. Flush residues to sewer or waste treatment system as permitted. Landfill solids according to all applicable regulations. Flush area thoroughly with water.

7. HANDLING AND STORAGE

Wear protective equipment when handling material to prevent skin and eye contact. Store in a cool, dry area away from incompatible substances. Keep containers closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: PEL = Not established TLV = Not established

ENGINEERING CONTROLS: General ventilation should be adequate. Use local exhaust if necessary.

RESPIRATORY PROTECTION: Not normally required. Wear a NIOSH/MSHA approved mist respirator with an organic vapor/mist cartridge where spray or mist exposure occurs.

PROTECTIVE GLOVES: Impervious (rubber or neoprene) gloves where contact is likely.

EYE PROTECTION: Wear splash-proof chemical safety goggles to avoid eye contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear impervious protective clothing where splashing may occur. Eyewash facility is recommended in work area or in close proximity.

PROTECTIVE WORK/HYGIENIC PRACTICES: No special requirements with respect to chemical exposure other than those noted above. Personal protection with respect to specific applications of this material are the responsibility of the user.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, slightly yellow viscous liquid

ODOR: Slight citrus odor

PHYSICAL STATE: Liquid

pH AS IS: 1.25 - 1.75

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

BOILING POINT @ 760mm Hg: Not determined

MELTING POINT: Not applicable

SOLUBILITY IN WATER % by WT: Complete

SURFACE TENSION: Not determined

SPECIFIC GRAVITY (Water = 1): 0.995 - 1.015 @ 20°C

VOLATILE ORGANIC COMPOUNDS: Contains <3% VOCs. Contains no VOC's with $\leq C_{12}$ or with VP > 0.1 mm Hg @ 20°C

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Mix only with water. Can react violently if mixed with alkaline materials or metals. Do not mix with chlorinated or sanitizing products as toxic fumes may be released.

CHEMICAL STABILITY: Stable under normal conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizers; inorganic acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, and oxides of potassium and nitrogen.

HAZARDOUS POLYMERIZATION: Material is not known to polymerize.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: No specific data. Potential for moderate to severe irritation based on components and pH.

SKIN EFFECTS: No specific data. Various degrees of irritation may result from repeated or prolonged contact.

ACUTE DERMAL EFFECTS: No specific data.

ACUTE ORAL EFFECTS: No specific data. Product is expected to be slightly toxic and can be irritating and harmful if ingested.

INHALATION: No specific data. Can be irritating to mucous membranes.

12. DISPOSAL CONSIDERATIONS

Dispose of waste product in accordance with all government regulations. State and local regulations may differ from federal. Be sure to consult with state and local agencies for specific rules.

13. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: See product name.

D.O.T. HAZARD CLASS: Consumer Commodity ORM-D

APPLICABLE REGULATIONS: 49 CFR 172, 173.154, 173.156

14. REGULATORY INFORMATION

TSCA: The components of this product are reported in the EPA TSCA Inventory List.

OSHA: Hazardous under 29 CFR 1910.1200

CERCLA REPORTABLE QUANTITY: CERCLA requires that releases of hazardous substances to land, air or water, which are equal to or exceed the reportable quantity (RQ) be reported to the National Response Center (800-424-8802). This product contains no substances at levels that would be subject to the reporting requirements of this section.

RCRA: If this material becomes waste, it would be a hazardous waste by characteristic of corrosivity due to its pH. A waste having the characteristic of corrosivity has the EPA Hazardous Waste Number D002.

SARA TITLE III:

Section 302, Extremely Hazardous Substances: None

Section 311/312, Hazardous Categories: Immediate (acute)

Section 313, Toxic Chemicals: None

SUPERSEDES DATE: 07/31/02 REASON FOR REVISION: Add new medical emergency number.
For additional non-emergency health, safety and environmental information telephone 609.279.7705 or write:

Church & Dwight Co. Inc.
R&D Technical regulatory Affairs
469 North Harrison Street
Princeton, New Jersey 08543

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