



# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-129B

ISSUE DATE: 02/26/10

PAGE 5 OF 5

### 1. PRODUCT AND COMPANY IDENTIFICATION

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

Product Name

Emergency Phone:  
1-800-424-9300

### SCRUB FREE SOAP SCUM REMOVER

PRODUCT USE: Bathroom Cleaner

Medical Emergency Phone:  
1-888-234-1828

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

This is a consumer product. To the extent the product is used in a fashion typical to that of a consumer, protective measures, with the exception of those indicated on the label, are not normally necessary. Where conditions and/or extent and duration differ from typical consumer use, appropriate protective measures to prevent eye and skin contact (glasses, goggles, rubber gloves, protective clothing) and minimize inhalation exposure (engineering controls, NIOSH-approved respiratory protection appropriate for the hazard are recommended).

Clear, slightly turbid colorless 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.

#### HMIS Rating

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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

General Description: Acidic cleaner for bathroom tile and fixtures.

Chemical Ingredients

% by Wt.

CAS Number

Water

85-95 %

7732-18-5



## CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

### MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-129B

ISSUE DATE: 02/26/10

PAGE 5 OF 5

Sulfamic acid	1-6 %	5329-14-6
Lauramine Oxide	1-5 %	1643-20-5
Fragrance	<1 %	Mixture

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 IARC, OSHA, NTP and NIOSH.

#### 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. Neutralize spills with lime or soda ash. Spills should be contained, pumped into containers, or absorbed onto commercial, non-reactive absorbent and placed in suitable, covered and labeled containers for disposal. Prevent large spills from entering sewers or waterways. Landfill solids according to all applicable regulations.

#### 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.



## **CHURCH & DWIGHT CO., INC.**

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

# **MATERIAL SAFETY DATA SHEET**

---

MSDS NUMBER: MSDS-129B

ISSUE DATE: 02/26/10

PAGE 5 OF 5

---

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

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

**EYE PROTECTION:** Wear safety glasses 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 is the responsibility of the user.

---

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear, slightly turbid

**ODOR:** Fragranced

**PHYSICAL STATE:** Liquid

**pH AS IS:** 0.80-1.20

**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):** 1.018-1.026@ 20°C

**VOLATILE ORGANIC COMPOUNDS:** None

---

## **10. STABILITY AND REACTIVITY**

**CONDITIONS TO AVOID:** Mix only with water. Do not mix with chlorinated or sanitizing products as toxic fumes may be released.

**CHEMICAL STABILITY:** Stable under normal conditions.

**INCOMPATIBILITY WITH OTHER MATERIALS:** May react with active metals, oxidizing agents, cyanide or sulfide salts to produce hydrogen, oxides of nitrogen, hydrogen cyanide or hydrogen sulfide gases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Will not occur.

**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.



## CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

### MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-129B

ISSUE DATE: 02/26/10

PAGE 5 OF 5

#### 12. ECOLOGICAL INFORMATION

TOXICITY: This product is expected to be toxic to aquatic animals.

PERSISTENCE: This product is not expected to persist in the environment.

BIODEGRADABILITY: This product is not expected to bioaccumulate.

#### 13. 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.

#### 14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Ground shipment only. - CONSUMER COMMODITY, ORM-D. (49CFR 173.154)

D.O.T. HAZARD CLASS: 8

HAZARD SUBCLASS: Corrosive liquid, acidic, organic, n.o.s. (sulphamic acid)

UN Number: UN3265

PACKING GROUP: III

Other Transport Information: I.A.T.A. classification: Corrosive liquid, acidic, organic, N.O.S. (sulphamic acid), PG III UN3265

APPLICABLE REGULATIONS: 49 CFR 172, 173.154, 173.156

#### 15. 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

#### 16. OTHER INFORMATION

SUPERSEDES DATE: 1/09/07

REASON FOR REVISION: Formula revision.

For additional non-emergency health, safety and environmental information telephone 609.279.7705 or write:

Church & Dwight Co. Inc.

R&D Product Stewardship

469 North Harrison Street

Princeton, New Jersey 08543

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church & Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.