

S.C. Johnson Wax
Racine, Wisconsin 53403-5011
Phone: (414) 631-2777
Emergency Phone: (800) 228-5635
Extension 092
International Emergency Phone:
Extension 092

4=Very High
3=High
2=Moderate
1=Slight
0=Insignificant

HAZARD RATING	
HMIS	NFPA
2 Health	
0 Flammability	
1 Reactivity	

MATERIAL SAFETY DATA SHEET

SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: STEP OFF				PRODUCT CODE: 14000-3 to 14004-3	
CHEMICAL OR COMMON NAME: NA	DATE ISSUED: 06/14/94	SUPERSEDES: 01/08/94	MSDS SECTIONS WITH CHANGES: XI	PREPARED BY: Terry A. Meyers Chemical Info. Adm.	

SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
[PA,NJ,MA] Sodium Hydroxide (CAS# 1310-73-2)	1-4	2 MG/M3 ACGIH/OSHA CEILING
[PA,NJ,MA] Monoethanolamine (CAS# 141-43-5)	2-6	3 PPM ACGIH/OSHA TWA, 6 PPM ACGIH/OSHA STEL
Sodium Silicate (CAS# 1344-09-8)	2-6	NOT ESTABLISHED
Water (CAS# 7732-18-5)	80-90	NA
See Regulatory Information (Section XII) for explanation of bracketed information.		

SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Light straw-colored liquid with mild soapy odor	SPECIFIC GRAVITY (H2O=1): 1.06
VAPOR PRESSURE (mm Hg): NA	PERCENT VOLATILE BY VOLUME (%): NA
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (Air=1): NA
FREEZING POINT (°F): ND	BOILING POINT (°F): above 200
pH: 12.5min. (Undiluted)	EVAPORATION RATE (Butyl Acetate=1): NA
VOC (as packaged, minus H2O): ND	THEORETICAL VOC (lb/gal): ND

SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (Method Used): NA
FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: Foam. CO2. Dry Chemical. Water Fog.
SPECIAL FIREFIGHTING PROCEDURES: Normal fire fighting procedures may be used. Cool and use caution when approaching or handling fire-exposed containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Corrosive Material (See Sections VI, VIII). Container may burst in heat of fire.

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Racine, Wisconsin 53403

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SECTION V-HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Skin contact.

SIGNS AND SYMPTOMS: Direct contact of product with eyes can cause irritation. Prolonged or repeated contact of undiluted product with skin may cause irritation. If taken internally, product may cause corrosive damage to mouth, throat or stomach.

FIRST AID PROCEDURES: Flush eyes with water for 15-20 minutes. If irritation persists, seek medical aid. Wash skin with plenty of water. If irritation persists, seek medical aid. If product is swallowed, drink large amounts of water or milk and seek medical aid.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

SECTION VI-REACTIVITY DATA

STABILITY: Stable

STABILITY-CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Strong acids (e.g., muriatic acid)

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire, produces normal products of combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS POLYMERIZATION-CONDITIONS TO AVOID: None known

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with oil-dry or similar inert material. Sweep or scrape up and contain. Rinse affected area thoroughly with water. Wear/use appropriate protective equipment.

WASTE DISPOSAL INFORMATION: For undiluted product: Disposal is regulated under the Resource Conservation and Recovery Act as a corrosive waste (40 CFR 261.22). Disposal of regulated quantities should be by neutralization at a permitted facility in accordance with all Federal/State regulations and local ordinances regarding disposal of corrosive wastes. Waste from normal product use may be sewerage to a public-owned treatment works (POTW) in compliance with applicable Federal, State, and local pretreatment requirements.

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: No special requirements under normal use conditions.

VENTILATION: NSR

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: For undiluted product: Chemical workers splash-proof goggles

OTHER PROTECTIVE MEASURES: Use good personal hygiene practices. Launder contaminated clothing before reuse.

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SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: WARNING: May cause burns. Eye irritant. Avoid eye and skin contact. Harmful if swallowed. Keep out of reach of children.

OTHER HANDLING AND STORAGE CONDITIONS: Store in a cool, dry place with adequate ventilation. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Keep from freezing. Wash thoroughly after handling.

SECTION X-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: NA

EPA REGISTRATION #: NA

SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS: Corrosive Material (Liquid). PG II

DOT #: NA 1760

SHIPPING NAME: Compound, Cleaning Liquid, (Sodium Hydroxide, Monoethanolamine)

SECTION XII-REGULATORY INFORMATION

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

There are no ingredients subject to the reporting requirements under California's Proposition 65.

WA - These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.

NJ - These ingredients are subject to the reporting requirements under the New Jersey Right to Know Hazardous Substance List.

PA - These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.

NA-Not Applicable, NE-Not Established, NSR-No Special Requirement, NO-Not Determined

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