



SAFETY DATA SHEET

This Safety Data Sheet conforms to the requirements of ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System. **THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)**
IMPORTANT: Read this MSDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND COMPANY

PRODUCT IDENTITY: ULTRA FLOOR SOAP
NEW SDS DATE: 04/20/2015
COMPANY IDENTITY: SIERRA CHEMICAL
COMPANY ADDRESS: 4202 BLUEBONNET DRIVE
COMPANY CITY: HOUSTON, TX 77053
COMPANY PHONE: 1-281-416-3007
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

WARNING!

Causes skin and respiratory burns and serious eye irritation. Harmful or fatal if swallowed.



GHS CLASSIFICATION: Skin Corrosion/Irritation Category 1A, Serious Eye Damage/Eye Irritation Category 1.

RISK STATEMENTS:

R34 Causes burns.
R36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY STATEMENTS:

S24/25 Avoid contact with skin and eyes.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS: 0-5% SODIUM HYDROXIDE (1310-73-2)
0-2% 2-BUTOXYETHANOL (111-76-2)
0-5% SODIUM METASILICATE PENTAHYDRATE (10213-79-3)

Number in parentheses is CAS #; number in brackets is European EC #.

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

DO NOT allow victim to rub or keep eyes tightly shut. Gently lift eyelids and flush immediately and continuously with flooding amounts of water.

SKIN CONTACT:

Rinse with flooding amounts of water for at least 20 min. Remove contaminated clothing. Wash exposed area with soap and water.

INHALATION:

Remove exposed person to fresh air and support breathing as needed. Monitor for respiratory distress. Administer oxygen if breathing is difficult. **DO NOT** use mouth-to-mouth method. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory device.

INGESTION:

If swallowed, Do **NOT** induce vomiting. Have patient lie down & keep warm. Never give anything by mouth to an unconscious person. Contact a poison control center. Get medical attention immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

NFPA Class B extinguishers (Carbon Dioxide or foam).

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

Keep container tightly closed. Isolate from acids. Closed containers may rupture if exposed to extreme heat. Applying to hot surfaces requires special precautions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES:

Isolate spill or leak area immediately for at least 80 to 160 feet in all directions. Dike area & contain. Eliminate all ignition sources (no smoking, flares, sparks, or flames). Evacuate area. Stay upwind. Keep out of low areas. Ventilate enclosed areas. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Stop leak if it can be done without undue risk.

Small Spills: Cover with vinegar, dry earth, sand or other non-combustible material and carefully scoop up material and place in a closed container. Do not dry sweep for clean-up. Do not get water inside containers. Ventilate area and wash spill site after material pickup is complete.

Large spills: Dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Neutralize material.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

CLEAN-UP PROCEDURES:

Neutralize with weak acid & dilute with plenty of water. Pump spilled liquid & put contaminated soil in DOT approved containers for disposal. Label immediately. Clean up remainder with absorbent materials. Wet down with plenty of water & remove immediately.

SECTION 7. HANDLING AND STORAGE

HANDLING:

Isolate from oxidizers, acids, heat, and open flame. Use only with adequate ventilation. Avoid repeated breathing of vapor or spray mist. Do not get in eyes or skin. Wear OSHA full face shield. Consult Safety Equipment Supplier. Wear gloves & footwear impervious to this material. Wash before reuse.

STORAGE:

Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage. When empty, drain completely and replace bungs securely.

REGULATORY REQUIREMENTS:

Follow applicable OSHA regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Enclose operations and use local exhaust ventilation at the site of chemical release, or wear appropriate respirators. Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA

PELs (Sec.2). Local exhaust ventilation is preferred because it prevents contaminate dispersion into the work area by controlling at its source.

ADMINISTRATIVE CONTROLS:

Post hazard and warning signs and educate all workers on the health and safety hazards of ULTRA FLOOR SOAP.

PERSONAL PROTECTIVE CLOTHING/EQUIPMENT:

No skin surface should be exposed. Wear gloves with a breakthrough time (BT)>8 hours. Polyvinyl-alcohol gloves are not recommended (BT <1 hour) because degradation may occur. Wear boots, aprons, and gauntlets impervious to this material, with a total seal to prevent skin contact. Wear splash-proof chemical safety goggles and face shield when working with liquid, per OSHA eye and face protection regulations (29 CFR 1910.133). Wash clothing before reuse. Appropriate eye protection must be worn instead of contact lenses.

RESPIRATORY PROTECTION:

If using, seek professional advice prior to respirator selection and use. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

WORK AND HYGIENE PRACTICES:

Change contaminated clothing promptly. Wash before eating, smoking or using the toilet. Separate contaminated work clothes from street clothes. Remove this material from your shoes and clean personal protective equipment. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area. Shower at end of each work shift.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid
ODOR:	Detergent
BOILING RANGE (Initial Boiling Point):	>100°C / 212°F
AUTO IGNITION TEMPERATURE:	343°C/650°F (Lowest Component)
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	1.1 (Lowest Component)
FLASH POINT (TEST METHOD):	No Flash at boiling
FLAMMABILITY CLASSIFICATION:	Non-flammable
GRAVITY @ 60 F:	
API:	4.6
SPECIFIC GRAVITY (Water=1):	1.040
POUNDS/GALLON:	8.33
VOC'S (>0.44 Lbs/Sq In):	0.0 Vol.% / 0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC):	2.1 Vol.% / 19.0 g/L / .157 Lbs/Gal
NONEXEMPT VOC'S (CVOC):	2.1 Vol.% / 19.0 g/L / .157 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	2.1 Vol.% / 19.0 g/L / .157 Lbs/Gal
VAPOR PRESSURE (mm of Hg @20C):	17.5
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20C):	0.0
VAPOR DENSITY (air=1):	0.6
WATER ABSORPTION:	Complete
pH (Neutrality):	13.0

SECTION 10. STABILITY & REACTIVITY

STABILITY/POLYMERIZATION/CONDITIONS TO AVOID:

ULTRA FLOOR SOAP is stable at room temperature in closed containers under normal storage and handling conditions. Avoid ignition sources and getting water into containers.

STORAGE INCOMPATIBILITIES:

Isolate from acids. Isolate from strong oxidizers such as permanganates, chromates and peroxides. DO NOT mix with solutions containing bleach or ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS:

Sodium Oxide and Hydroxide and Carbon Oxides from heating.

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL:	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Sodium Hydroxide	1310-73-2	2mg/m ³	2mg/m ³	
Sodium Metasilicate Pentahydrate	10213-79-3	None Known	None Known	No
2-Butoxyethanol	111-76-2	50ppm	20ppm	Yes

Each component showing `Yes' under "HAP" is an EPA Hazardous Air Pollutant.

MATERIAL	CAS #	CEILING	STEL (OSHA/ACGIH)
2-Butoxyethanol	111-76-2	50ppm	20ppm

MAMMALIAN INFORMATION:

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE DATA		
		LOWEST KNOWN	LD50	(ORAL)
Ethylene Glycol Butyl Ether	111-76-2	320.0 mg/kg(Rabbits)		
		LOWEST KNOWN	LC50	(VAPORS)
Ethylene Glycol Butyl Ether	111-76-2	700 ppm (Mice)		
		LOWEST KNOWN	LD50	(SKIN)
Ethylene Glycol Butyl Ether	111-76-2	440.0 mg/kg (Rabbits)		

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC,NTP,NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

This product is completely biodegradable.

ECOTOXICITY:

Bioaccumulation of this product has not been determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Recycle/dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If questions exist, contact the appropriate agencies.

SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: ULTRA FLOOR SOAP, cleaning compound, non-hazmat

ID:

HAZARD CLASS:

PACKING GROUP: II

DRUM LABEL: non-haz

IATA / ICAO:

IMO / IMDG:

EMERGENCY RESPONSE GUIDEBOOK NUMBER:15



SECTION 15. REGULATORY INFORMATION

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification

This product contains the indicated <*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

SARA TITLE III INGREDIENTS	CAS#	WT.%	(REG. SECTION)	RQ(LBS)
*2-Butoxyethanol	111-76-2	<4	(313)	None

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, Europe (EINECS), Japan, Korea and the United Kingdom.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 1 HEALTH (HMIS): 1 FLAMMABILITY: 0 REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING:

Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.