

SAFETY DATA SHEET

Date Issued : 05/14/2015
SDS No : Triple S_Red Zone
Date Revised : 12/16/2021
Revision No : 1

SSS Red Zone High Powered Low Odor Floor Stripper

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SSS Red Zone High Powered Low Odor Floor Stripper
GENERAL USE: Floor finish remover
PRODUCT DESCRIPTION: Floor Finish Stripper
PRODUCT CODE: 48110
CHEMICAL FAMILY: Solvent/surfactant Blend

DISTRIBUTOR

Triple S
2 Executive Park Drive
Billerica, MA 01862
<http://www.triple-s.com>
Customer Service: 978-667-7900

24 HR. EMERGENCY TELEPHONE NUMBERS

888-779-1339

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Target Organ Toxicity (Single exposure), Category 3

Health:

Skin Corrosion, Category 1
Acute Toxicity (Oral), Category 4
Acute Toxicity (Inhalation), Category 4
Serious Eye Damage, Category 1

Physical:

Flammable Liquids, Category 4

GHS LABEL



Corrosion



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H227: Combustible liquid.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled.
H336: May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENT(S)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P273: Avoid release to the environment.
P264: Wash hands thoroughly after handling.
P234: Keep only in original packaging.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing fume, gas, mist, vapors, or spray.

Response:

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310: Immediately call a POISON CENTER or doctor/physician.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P330: Rinse mouth.
P331: Do NOT induce vomiting.

P310: Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363: Wash contaminated clothing before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear Liquid

IMMEDIATE CONCERNS: Causes irreversible eye damage and skin burns.

POTENTIAL HEALTH EFFECTS

EYES: Corrosive, contact causes severe eye burns.

SKIN: Contact causes severe skin irritation and possible burns.

SKIN ABSORPTION: Harmful if absorbed through skin.

INGESTION: Harmful if swallowed.

INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches)

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: No listed substance

CARCINOGENICITY: Not Established

MUTAGENICITY: No listed substance

ROUTES OF ENTRY: Eye, skin, ingestion, Inhalation.

TARGET ORGAN STATEMENT: Blood, kidney, liver, Central nervous system

CANCER STATEMENT: None

WARNING CAUTION LABELS: Corrosive

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Benzyl Alcohol	50 - 55	100-51-6
Ethanolamine	20 - 25	141-43-5
Butoxyethanol	15 - 20	111-76-2
Nonoxynol	0 - 5	127087-87-0
Limonene	0 - 5	5989-27-5
Water	< 10	7732-18-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

SKIN: Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Severe burning sensation, damage marked by burns.

SKIN: Burning sensation, redness.

INGESTION: Irritation of mouth, throat, along with stomach upset, vomiting.

INHALATION: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

ACUTE EFFECTS: Corrosive to eyes. Causes moderate to severe skin irritation. Harmful if swallowed.

CHRONIC EFFECTS: Not Established

NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: IIIA (140-200F)

GENERAL HAZARD: Combustible Liquid

EXTINGUISHING MEDIA: Use Dry chemical, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Alkaline vapors.

EXPLOSION HAZARDS: Fire exposed containers may burst due to increased pressure from heat.

FIRE FIGHTING PROCEDURES: Use an extinguishing agent suitable for surrounding fire.

FIRE FIGHTING EQUIPMENT: No special requirements.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Established

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways and notify your local emergency services if this occurs.

LAND SPILL: Avoid discharge to soil.

AIR SPILL: NA = Not Applicable

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

RELEASE NOTES: Eliminate all ignition sources. Ventilate area well.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.

HANDLING: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

STORAGE: Store in closed container away from heat, spark or open flame.

STORAGE TEMPERATURE: (40°F) Minimum to (110°F) Maximum

STORAGE PRESSURE: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Benzyl Alcohol	Supplier OEL	TWA	10 ppm ^[1]	[1]
		OSHA PEL	TWA	3
Ethanolamine	ACGIH TLV	TWA	3	7.5
		STEL	6	15
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Butoxyethanol	OSHA PEL	TWA	50	240
		ACGIH TLV	TWA	20
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Limonene	OSHA PEL	TWA	[2]	[2]
		ACGIH TLV	TWA	[2]
	Supplier OEL	TWA	30	

Footnotes:

1. USA. Workplace Environmental Exposure levels (WEEL)

2. Not Established

ENGINEERING CONTROLS: Provide mechanical ventilation when used in confined areas, or areas with poor ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and full face-shield.

SKIN: Rubber or other chemical resistant gloves.

RESPIRATORY: A respirator is not needed under normal and intended conditions of product use.

WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Solvent, characteristic
ODOR THRESHOLD: Not Established
COLOR: Water Clear
pH: 11.5 to 12.5
PERCENT VOLATILE: >90
FLASH POINT AND METHOD: 67°C (153°F) Tag Closed Cup (TCC)
LOWER EXPLOSION LIMIT: 1.3
UPPER EXPLOSION LIMIT: 10.6
AUTOIGNITION TEMPERATURE: NA = Not Applicable
VAPOR PRESSURE: Not Established
VAPOR DENSITY: Not Established
BOILING POINT: Not Established
FREEZING POINT: Not Established
DECOMPOSITION TEMPERATURE: Not Available
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: Not Established
DENSITY: 8.45 at 20°C (68°F)
SPECIFIC GRAVITY: ~ 1.012 grams/ml.
VISCOSITY: Water thin.
(VOC): 40.49 % by weight

10. STABILITY AND REACTIVITY

REACTIVITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: Stable under normal storage and use conditions.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
INCOMPATIBLE MATERIALS: Strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Benzyl Alcohol	1230 to 3100 mg/kg (rat)	2000 mg/kg (rabbit)	200 to 300 mg/l (rat)
Ethanolamine	1089 mg/kg (rat)	2504 mg/kg (rabbit)	~ 1.48 mg/l
Butoxyethanol	1300 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 3.1 mg/l
Nonoxynol	960 to 3980 mg/kg (rat)	4490 mg/kg (rabbit)	
Limonene	4400 mg/kg (rat)	5000 mg/kg (rabbit)	

DERMAL LD₅₀: > 2000 mg/kg guinea pig

ORAL LD₅₀: ~ 1300 mg/kg Male and Female rats.

INHALATION LC₅₀: > 3.1 mg/L (vapor) Guinea pig

SKIN CORROSION/IRRITATION: Corrosive

SERIOUS EYE DAMAGE/IRRITATION: Irritant

RESPIRATORY OR SKIN SENSITISATION: No products were found.

GERM CELL MUTAGENICITY: No known significant effects or critical hazards.

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Butoxyethanol	No listed substance	Group 3 - Not classifiable as to its carcinogenicity to Humans	No listed substance
Limonene	No listed substance	Group 3 - Not classifiable as to its carcinogenicity to Humans	No listed substance

IARC: 3-Group 3: Not classifiable as to its carcinogenicity to humans.

REPRODUCTIVE TOXICITY: No known significant effects or critical hazards.

STOT-SINGLE EXPOSURE: May cause damage to blood, Kidney, liver with prolonged or repeated exposure to high concentrations of vapors.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No known significant effects or critical hazards noted.

AQUATIC TOXICITY (ACUTE): Not Established

CHEMICAL FATE INFORMATION: This product is biodegradable.

BIOACCUMULATION/ACCUMULATION: Not Established

ENVIRONMENTAL DATA: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and its containers should be treated as hazardous waste based on the characteristics of corrosivity as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal into public sewer.

FOR LARGE SPILLS: Consult with local and state authorities for large volume disposal.

PRODUCT DISPOSAL: Small quantities (less than 1 gallon) of used material may be flushed to sanitary sewer with copious amounts of water. Larger quantities must be disposed of by a licensed disposal company.

EMPTY CONTAINER: Rinse container with clear water. Offer container for recycling, or dispose of in trash.

RCRA/EPA WASTE INFORMATION: Corrosive

RCRA HAZARD CLASS: Not yet Determined

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, Basic, Organic, N.O.S.

TECHNICAL NAME: Ethanolamine Solution

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 3267

PACKING GROUP: III

PLACARDS: Corrosive

LABEL: Certain package sizes determine the proper labeling of containers. Consult manufacturer for specific information regarding proper labeling.

OTHER SHIPPING INFORMATION: Certain shipping modes and packaging sizes may have exceptions from the transport regulations. The classifications/information provided above may not reflect applicable exceptions. Contact the manufacturer for more specific information on the proper shipping of this material.

SPECIAL SHIPPING NOTES: Quantities less than or equal to one (1) gallon = Limited Quantity not regulated.

AIR (ICAO/IATA)

SHIPPING NAME: Not Established

VESSEL (IMO/IMDG)

SHIPPING NAME: Corrosive Liquid, Basic, Organic, N.O.S.

TECHNICAL NAME: Ethanolamine Solution

UN/NA NUMBER: 3267

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

EmS: F-A,S-B

PLACARDS: Corrosive

LABEL: Corrosive

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Health - Acute

313 REPORTABLE INGREDIENTS: 2-butoxyethanol 111-76-2 (Category: N230 Certain Glycol Ethers)

EPCRA SECTION 313 SUPPLIER NOTIFICATION

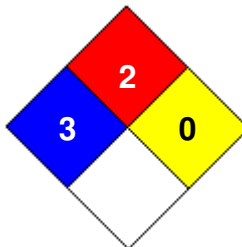
Chemical Name	Wt.%	CAS	Comments
Butoxyethanol	15 - 20	111-76-2	
Nonoxynol	0 - 5	127087-87-0	N535 Nonylphenol Ethoxylates

302/304 EMERGENCY PLANNING**EMERGENCY PLAN:** No listed substance**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Benzyl Alcohol	Massachusetts Right to Know Substance Pennsylvania Right to Know Substance New Jersey Right To Know Substance
Ethanolamine	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance
Butoxyethanol	Massachusetts Right to Know Substance Pennsylvania Right to Know Substance New Jersey Right To Know Substance
Nonoxynol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance
Limonene	Pennsylvania Right to Know Substance New Jersey Right To Know Substance

CALIFORNIA PROPOSITION 65: No listed substance**CARCINOGEN:** Contains an ingredient listed under IARC Group 3.**16. OTHER INFORMATION****PREPARED BY:** Regulatory Affairs Department **Date Revised:** 12/16/2021**REVISION SUMMARY:** This SDS replaces the 05/14/2015 SDS. Revised: **Section 2: GHS CLASSIFICATIONS. Section 14: VESSEL (IMO/IMDG) - TECHNICAL NAME.****HMIS RATING**

HEALTH	<input type="text" value="1"/>	3
FLAMMABILITY	<input type="text" value="2"/>	2
PHYSICAL HAZARD	<input type="text" value="0"/>	0
PERSONAL PROTECTION	<input type="text" value="D"/>	

NFPA CODES

MANUFACTURER DISCLAIMER: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.