

# SAFETY DATA SHEET

Date Prepared : 05/13/2015

SDS No : Triple S\_Bio-Active Prespray

## SSS Bio-Active Prespray Extra Strength Prespray With Enzymes

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** SSS Bio-Active Prespray Extra Strength Prespray With Enzymes

**GENERAL USE:** Cleaning carpets using an extraction cleaner.

**PRODUCT DESCRIPTION:** Carpet Pre-spray & Extraction Cleaner

**PRODUCT CODE:** 48006

**CHEMICAL FAMILY:** Solvent/detergent blend

#### MANUFACTURED FOR

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

##### Health:

Skin Irritation, Category 2

Eye Corrosion, Category 1

##### Physical:

Combustible Liquid, Category 4

#### GHS LABEL



Corrosion

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

Causes serious eye damage.

Causes skin irritation.

May be harmful if swallowed.

Combustible liquid.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Keep only in original packaging.

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

Keep container tightly closed.

##### Response:

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

Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing.  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
In case of fire: Use dry chemical, foam or water mist to extinguish.

**Storage:**

Store locked up.  
Store in a well-ventilated place. Keep cool.

**Disposal:**

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:** Extremely irritating to the eyes and may cause severe damage including blindness.

**SKIN:** Contact may cause moderate to severe irritation.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Mist is irritating to nose, throat and lungs.

**REPRODUCTIVE TOXICITY**

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** Not Established

**MUTAGENICITY:** None known.

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

**WARNING CAUTION LABELS:** None

**PHYSICAL HAZARDS:** No known significant effects or critical hazards.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Diethylene Glycol Butyl Ether	0 - 5	112-34-5
Tripropylene Glycol Methyl Ether	5 - 10	25498-49-1
2-Propenoic acid, methyl ester, reaction products with 2-ethyl-1-hexanamine	10 - 15	68610-44-6
Tetrasodium ethylenediamine tetraacetate	0 - 5	64-02-8
Viable Non-pathogenic Bacillus Subtilis cultures	0 - 5	N/A
Fragrance	0 - 1	N/A
Water	55 - 60	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 TOXICITY:** Severely irritating to eyes. Causes moderate to severe skin irritation. Harmful if swallowed.

## 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:** Carbon monoxide from combustion

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

**FIRE FIGHTING PROCEDURES:** Keep fire exposed containers cool with water stream or mist.

**FIRE FIGHTING EQUIPMENT:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Established

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Shut off any ignition sources. Avoid walking in product. Wipe up or otherwise flush small spills (less than 1 gallon) to sanitary sewer.

**LARGE SPILL:** Shut off all ignition sources. Ventilate area. 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.

**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.

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

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store away from excessive heat, spark or open flame. Store at temperatures below 140F. Keep container closed until used. Do not contaminate water, food, or feed by storage or disposal.

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

**STORAGE:** Store in closed container in an area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Diethylene Glycol Butyl Ether	TWA	10		35	NL
	STEL			NL	NL

**ENGINEERING CONTROLS:** Use in well ventilated area.

#### **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.

**PROTECTIVE CLOTHING:** Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

**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:** Fresh & Clean

**ODOR THRESHOLD:** Not Established

**COLOR:** Water Clear

**pH:** 9.0 to 9.5

**PERCENT VOLATILE:** >80

**FLASH POINT AND METHOD:** ~ 61.1°C (142°F)

**FLAMMABLE LIMITS:** Not Established

**AUTOIGNITION TEMPERATURE:** Not Established

**VAPOR PRESSURE:** ~ 20 mm Hg at (68°F)

**VAPOR DENSITY:** > 1 Air = 1

**BOILING POINT:** 212° F; 100° C

**FREEZING POINT:** 32° F; 0° C

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Dispersable

**EVAPORATION RATE:** (Water =1) <1.0

**DENSITY:** 8.55

**SPECIFIC GRAVITY:** 1.025 grams/ml.

**VISCOSITY:** Slightly viscous.

**(VOC):** None

### **10. STABILITY AND REACTIVITY**

**REACTIVITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**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**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Diethylene Glycol Butyl Ether	~ 4500 mg/kg (rat)	~ 2764 mg/kg (rabbit)
Tripropylene Glycol Methyl Ether	> 3200 mg/kg (rat)	> 2000 mg/kg (rabbit)
Tetrasodium ethylenediamine tetraacetate	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)

**EYES:** Not Established

**DERMAL LD<sub>50</sub>:** Not Established

**ORAL LD<sub>50</sub>:** Not Established

**INHALATION LC<sub>50</sub>:** Not Established

**EYE EFFECTS:** Corrosive to eyes. Permanent damage may occur.

**SKIN EFFECTS:** Moderate to severe skin irritant.

**CARCINOGENICITY**

**IARC:** No listed substance

**IRRITATION:** Irritant

**GENETIC EFFECTS:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**TARGET ORGANS:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

**CHEMICAL FATE INFORMATION:** Not Established

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

**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.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated (for US domestic shipment only)

**PLACARDS:** None

**LABEL:** NA = Not Applicable

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Contact manufacturer for more information.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Contact manufacturer for more information.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Health Hazard - Acute; Fire Hazard

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** Diethylene Glycol Butyl Ether 112-34-5 (Category: N230 Certain Glycol Ethers)

#### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Diethylene Glycol Butyl Ether	0 - 5	112-34-5

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** No listed substance

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** Not Established

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**CALIFORNIA PROPOSITION 65:** No listed substance

**CARCINOGEN:** No listed substance

## 16. OTHER INFORMATION

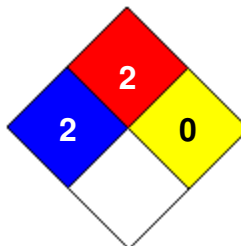
**PREPARED BY:** Regulatory Affairs Department

**Date Prepared:** 05/13/2015

#### HMIS RATING

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	D

#### NFPA CODES



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