

MATERIAL SAFETY DATA SHEET

Date-Issued: 08/14/2000

MSDS Ref. No: S-3

Revision No: New MSDS

Streepene

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Streepene®**GENERAL USE:** For professional drycleaning use only.**PRODUCT DESCRIPTION:** Stain Removal Agent**PRODUCT CODE:** STP-US**MANUFACTURER**R. R. Street & Co. Inc.
184 Shuman Boulevard
Naperville, IL 60563**Product Stewardship:** 800-323-7206**Transportation:** 800-424-9300**24 HR. EMERGENCY
TELEPHONE NUMBERS****Emergency Phone:** 800-228-5635

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>	<u>EINECS#</u>
Sodium hydrosulfite	>90	7775-14-6	

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

SKIN ABSORPTION: Not applicable.

INGESTION: May cause vomiting.

INHALATION: Dust may cause severe irritation of the nose, throat and upper respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Irritation.

INGESTION: Nausea and vomiting.

3. HAZARDS IDENTIFICATION (continued)

INHALATION: Irritation of the nose, throat and upper respiratory tract.

CHRONIC:

No data available.

CARCINOGENICITY:

Not applicable.

MUTAGENICITY:

Not applicable.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: Not applicable.

TERATOGENIC EFFECTS: Not applicable.

MEDICAL CONDITIONS AGGRAVATED: Asthma.

ROUTES OF ENTRY: Inhalation.

TARGET ORGAN STATEMENT: No data available.

CANCER STATEMENT: Does not contain any substance(s) listed as carcinogenic.

SENSITIZATION: Not applicable.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with water.

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

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not applicable.

AUTOIGNITION TEMPERATURE: Not available.

FLAMMABLE CLASS: Spontaneously Combustible

5. FIRE FIGHTING MEASURES (continued)

EXTINGUISHING MEDIA: Large quantities of water.

HAZARDOUS COMBUSTION PRODUCTS: Sulfur dioxide.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Flush with large amount of water.

LARGE SPILL:

Avoid breathing dust or vapor. Sweep up dry material immediately, observing precautions in the Protective Equipment section. Place in closed containers for disposal if not moist. Promptly remove containers if material becomes wetted. Do not flush to sewer.

7. HANDLING AND STORAGE

HANDLING:

Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE:

Store in labeled, tightly sealed containers in a cool, dry, well ventilated area. Prevent moisture from entering storage containers.

STORAGE TEMPERATURE: 50°C (120°F) maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Sodium hydrosulfite	TWA	15		10		
	STEL ⁽¹⁾		NE	NE		

OSHA TABLE COMMENTS:

1. NE=Not established.

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Wear rubber or Barrier(tm) gloves.

RESPIRATORY: NIOSH/MSHA approved sulfur dioxide or acid gas respirator with dust pre-filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not eat or drink in work area.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid.

ODOR: Pungent.

APPEARANCE: Fine granular.

COLOR: White.

pH: 4(1% solution)

PERCENT VOLATILE: Not Applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

VAPOR PRESSURE: Not applicable.
BOILING POINT: Not applicable.
FREEZING POINT: Not applicable.
THERMAL DECOMPOSITION: >(54°F)
SOLUBILITY IN WATER: 18 at 20°C (68°F)
EVAPORATION RATE: Not applicable.
SPECIFIC GRAVITY: 0.88 to 1.02
COEFF. OIL/WATER: No data available.
ODOR THRESHOLD: 5 ppm (sulfur dioxide)

COMMENTS:

WATER SOLUBILITY: (footnote) g/100 mL

10. STABILITY AND REACTIVITY

STABLE: YES
HAZARDOUS POLYMERIZATION: NO
CONDITIONS TO AVOID: Moisture or heat above 120 F, exposure to air.
STABILITY: Unstable when wet or at temperatures above 120 F.
POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide.
INCOMPATIBLE MATERIALS: Small amounts of water, oxidizing agents (i.e., chlorine bleach or peroxide), acidic materials.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: Not available.
INHALATION LC₅₀: Not available.

CARCINOGENICITY:

IARC: Not listed as a carcinogen.
NTP: Not listed as a carcinogen.
OSHA: Not listed as a carcinogen.
SYNERGISTIC MATERIALS: No data available.
GENERAL COMMENTS: Refer to Section 3 for additional information on potential health effects.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Sodium hydrosulfite is not persistent in the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Contaminated material must be disposed of in a permitted waste management facility. Consult federal, state and local authorities for approved procedures.

RCRA/EPA WASTE INFORMATION: Contains material(s) that are reactive wastes as defined by RCRA.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Sodium hydrosulfite

PRIMARY HAZARD CLASS/DIVISION: 4.2

UN/NA NUMBER: UN1384

PACKING GROUP: II

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 100 lbs

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Sodium hydrosulfite

PRIMARY HAZARD CLASS/DIVISION: 4.2

UN/NA NUMBER: UN1384

PACKING GROUP: II

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Sodium hydrosulfite

PRIMARY HAZARD CLASS/DIVISION: 4.2

UN/NA NUMBER: UN1384

PACKING GROUP: II

PLACARDS: Consult applicable regulations governing air shipments.

IATA NOTE: Consult applicable regulations on packaging requirements and quantity limitations.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

**FIRE: NO PRESSURE GENERATING: NO REACTIVITY: YES ACUTE: YES
CHRONIC: NO**

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Sodium hydrosulfite has an RQ of 100 lbs.

RCRA STATUS: See section 13.

CANADA

WHMIS CLASS: Class B, Division 4; Class D, Division 2 and Class F

STATE REGULATIONS

MASSACHUSETTS

Contains one or more substances named on the Massachusetts Substance List.

CALIFORNIA

PROPOSITION 65 STATEMENT: Not applicable.

16. OTHER INFORMATION

NFPA CODES

HEALTH: 3 FIRE: 1 REACTIVITY: 2

HMIS CODES

HEALTH: 3 FIRE: 1 REACTIVITY: 2 PROTECTION: X