

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Streepene

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: For professional drycleaning use only.

PRODUCT DESCRIPTION: Stain Removal Agent

MANUFACTURER

R. R. Street & Co. Inc.

215 Shuman Boulevard/Suite 403

Naperville, IL 60563

Product Information: 800-323-7206 (USA & Canada only) or 630-416-4244

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada only) or 651-632-9272

Transportation Emergency: 800-424-9300 (USA & Canada only) or 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Self-Heating Substances and Mixtures: Category 1

Acute Toxicity – Oral: Category 4

GHS LABEL ELEMENTS

Symbol(s):



Signal Word: Danger

Hazard Statements:

H251 – Self-heating; may catch fire.

H302 – Harmful if swallowed.

Precautionary Statements:

P235+P410 – Keep cool. Protect from sunlight.

P264 – Wash thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312+P330 – IF SWALLOWED: Call a POISON CENTER or doctor physician if you feel unwell. Rinse mouth.

P407 – Maintain air gap between stacks/pallets.

P420 – Store away from other materials.

P501 – Dispose of contents and container to licensed, permitted incinerator, or other thermal destruction device.

Other Hazards: Not available.

Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

COMMENTS:

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 soap and water. Consult a physician if irritation persists.

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

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Irritation, drying, chapping, rash.

SKIN ABSORPTION: No data available.

INGESTION: Nausea, vomiting, abdominal cramps, diarrhea.

INHALATION: Respiratory irritation, cough, shortness of breath.

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

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Spontaneously Combustible

EXTINGUISHING MEDIA: Large quantities of water.

HAZARDOUS COMBUSTION PRODUCTS: Sulfur dioxide, sulfur.

OTHER CONSIDERATIONS: Closed containers may rupture violently when heated.

FIRE FIGHTING EQUIPMENT AND PRECAUTIONS: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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 Exposure Controls/Personal Protection section (see section 8). Place absorbed material in closed containers for disposal if not moist (see section 13). Do not flush to sewer. Avoid contamination of ground and surface waters.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Not applicable.

HANDLING: Follow all SDS/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. Keep material dry and store below a temperature of 50°C (122°F).

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS

		<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		NE ^[1]		NE		5
	STEL		NE		NE		NE

TABLE FOOTNOTES:

1. NE=Not established.

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

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, or goggles.

SKIN: Rubber or Barrier™ gloves.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister 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 the appropriate chemical resistant equipment, which depending on circumstances may include 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

APPEARANCE: Fine granular.

PHYSICAL STATE: Solid.

COLOR: White.

ODOR: Pungent

ODOR THRESHOLD: 5 ppm (sulfur dioxide)

pH: 6 - 10 (1% solution)

FREEZING POINT: 300°C (572°F)

INITIAL BOILING POINT: Not applicable.

FLASH POINT: Not applicable.

EVAPORATION RATE: ~0.6 (butyl acetate = 1)

FLAMMABILITY (Solid, Gas): No data available.
FLAMMABLE LIMITS: Not applicable.
VAPOR PRESSURE: Not applicable.
VAPOR DENSITY: Not applicable.
RELATIVE DENSITY: 0.88 - 1.02
SOLUBILITY IN WATER: 18 g/100 mL at 20°C (68°F)
PARTITION COEFFICIENT (Log K_{ow}): -2.75 - -4.7
AUTOIGNITION TEMPERATURE: 250°C (482°F)
DECOMPOSITION TEMPERATURE: ~70°C (158°F)
VISCOSITY: Not applicable.
PERCENT VOLATILE: Not applicable.

10. STABILITY AND REACTIVITY

REACTIVITY: No data available.
CHEMICAL STABILITY: Stable. Unstable when wet or at temperatures above 120°F.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.
CONDITIONS TO AVOID: Moisture or heat above 120°F. Exposure to air.
INCOMPATIBLE MATERIALS: Small amounts of water, oxidizing agents (e.g., chlorine bleach or peroxide), acidic materials, sulfides.
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen sulfide, sulfur dioxide, sulfur.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation and skin.
ACUTE TOXICITY (ATE):
DERMAL LD₅₀: Insufficient data available.
ORAL LD₅₀: 2,500 mg/kg (rat).
INHALATION LC₅₀: Insufficient data available.
CHRONIC TOXICITY:
TARGET ORGANS: No data available.
SENSITIZATION: May be sensitizer for persons allergic to sulfites.
CARCINOGENICITY:
IARC: Not listed as a carcinogen.
NTP: Not listed as a carcinogen.
OSHA: Not listed as a carcinogen.
OTHER: No data available.
OTHER: Has caused injury to skin in laboratory animals.
REPRODUCTIVE EFFECTS: No data available.
MUTAGENICITY: Not mutagenic.
SYNERGISTIC MATERIALS: No data available.
POTENTIAL HEALTH EFFECTS
EYES: May cause severe irritation.
SKIN: Repeated prolonged contact may cause skin allergy.
SKIN ABSORPTION: Low toxicity.
INGESTION: May be harmful if swallowed. May cause damage or burns of the mouth, throat, esophagus, stomach.

ASPIRATION HAZARD: No.

INHALATION: May cause damage to nose, throat, lungs. May cause bronchospasms, pulmonary edema, respiratory failure.

MEDICAL CONDITIONS AGGRAVATED: Asthma. Persons with asthma or other respiratory disease should not be exposed. May cause severe respiratory distress in persons with asthma.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Product is slightly toxic.

PERSISTENCE AND DEGRADABILITY: No data available.

BIOACCUMULATIVE POTENTIAL: No data available.

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: No data available.

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.

EMPTY CONTAINER: Not applicable.

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

TECHNICAL NAME: Not applicable.

PRIMARY HAZARD CLASS/DIVISION: 4.2

UN/NA NUMBER: UN1384

PACKING GROUP: II

LABEL: Spontaneously Combustible

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Sodium hydrosulfite

PRIMARY HAZARD CLASS/DIVISION: 4.2

UN/NA NUMBER: UN1384

PACKING GROUP: II

LABEL: Spontaneously Combustible

PLACARDS: Consult applicable regulations governing air shipments.

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Sodium hydrosulfite

PRIMARY HAZARD CLASS/DIVISION: 4.2

UN/NA NUMBER: UN1384

PACKING GROUP: II

LABEL: Spontaneously Combustible

PLACARDS: Consult applicable regulations governing air shipments.

IATA NOTE: Consult applicable regulations on quantity limitations.

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:**

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

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable..

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Regulated for transportation.

STATE REGULATIONS**MASSACHUSETTS**

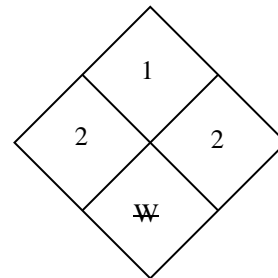
Contains one or more substances regulated by the Massachusetts Substance List.

CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS RATINGS:	
HEALTH:	2
FLAMMABILITY:	1
REACTIVITY:	2
PERSONAL PROTECTION:	B

NFPA RATINGS:

SDS Revision Date: May 20, 2015