

SAFETY DATA SHEET

1. PRODUCT AND COMPANY INFORMATION

Product Name: Lynx San-4

Synonyms: EPA Reg. No. 10324-81-72193 EPA Est. No. 72193-OH-1

Product Type: Quaternary Ammonium Compound

Manufacturer / Supplier Information:

LYNX ENTERPRISES, INC.

2184 Schlichter Drive

Hamilton, OH 45015

1-800-950-0736

www.Lynx-Online.com

Emergency Contact:

ChemTrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification: Skin Corrosion Category 1
Serious Eye Damage, Category 1

GHS Signal Word: DANGER

Hazard Statements:

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage

H302: Harmful if swallowed

H335: May cause respiratory irritation

Precautionary Statements:

Prevention: P280: Wear protective gloves, protective clothing, eye and face protection
P262: Do not get in eyes, on skin, or on clothing
P261: Avoid breathing mist, vapours, or spray
P264: Wash skin and contaminated clothing thoroughly after handling

Response:

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

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P390: Absorb spillage to prevent material damage.

P363: Wash contaminated clothing before reuse

P321: Specific treatment (see First Aid information on product label and/or Section 4 of the SDS)

Storage: P401: Store in a secure manner. Keep Container Closed.

P403+235: Store in a well ventilated place. Keep cool

Disposal: P501: Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Hazardous Components:

INGREDIENT(S)	CAS number	Wt. %
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	<3%
Dialkyl dimethyl ammonium chloride	68424-95-3	<4.5%

Synonyms: EPA Reg. No. 10324-81-72193 EPA Est. No. 72193-OH-1

Disclosure Statement:

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

- Eye Contact:** Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids. After 15 minutes, check for and remove any contact lenses. Continue to rinse for at least 15 minutes and get medical attention.
- Skin Contact:** Wash with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. If irritation or burn occurs get medical attention.
- Inhalation:** Remove from exposure and move to fresh air immediately and keep in a position comfortable for breathing. Give artificial respiration if necessary.
- Ingestion:** For ingestion, If victim is conscious and alert, wash out mouth with water. Never give anything by mouth to an unconscious person. Consult a physician or medical facility with regard to inducing vomiting.
- Other** N/A

5. FIRE-FIGHTING MEASURES

- Extinguishing Media:** CO2, foam, dry chemical and water fog. Do not use direct water stream.
- Fire Fighting Procedures:** Cool containers with water to prevent release of chlorine gas. Do not apply water directly on this product. Heat is generated when mixed with water.
- Fire Fighting Equipment:** Wear self-contained breathing apparatus with full face piece operated in positive pressure demand mode when fighting fire.
- Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and toxic hydrogen chloride vapors.
- Flammable Class:** N/A
- Other Information:** May act as oxidizer and will support combustion.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin, eyes, and clothing.
- Environmental Precautions:** Prevent entry into sewers, water courses, basements or confined areas. Do not discharge into lakes, streams, ponds or public waters.
- Methods and Materials for containment and cleaning up:**
Small spill - Use floor absorbent and dispose of properly. Large spill - Contain material with dikes and pump to salvage container for proper disposal. Clean up with floor absorbent.
- Waste Disposal Method:** Check federal, state, and local codes.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin, eyes, and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in original container. Do not reuse container. Use appropriate personal protective equipment (see Section 8).

Conditions for Safe Storage: Store in accordance with local regulations. Store in segregated and approved area. Keep container closed and store at moderate temperature in a well ventilated area, away from incompatible materials (see Section 10). Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Component	CAS	TLV - Threshold Limit Value (TWA / STEL / C)	Exposure Limits
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	N/A	N/A
Dialkyl dimethyl ammonium chloride	68424-95-3	N/A	N/A

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local ventilation to keep airborne levels of vapor or mist to acceptable levels.

Personal Protective Equipment:

Eye and Face: Wear approved safety glasses or chemical splash goggles. Use a face shield when appropriate.

Skin: Wear chemical resistant protective gloves.

Respiratory: Not required under normal conditions

Work Hygienic Practices: Avoid contact with skin, eyes, and clothing. Do not breathe vapor or mist. Do not ingest.

Other use Precautions: Wear appropriate protective clothing to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear red liquid	Upper flammability or explosive limits:	N/A
Odor:	Negligible	Lower flammability or explosive limits:	N/A
Odor threshold:	N/A	Vapor Pressure:	N/A
pH:	6 to 8	Vapor Density (air=1):	N/A
Relative Density:	0.989	Partition coefficient: n-octanol/water:	N/A
Melting point / freezing point:	N/A	Auto Ignition temperature:	N/A
Solubility:	Complete	Decomposition temperature:	N/A
Boiling Point:	N/A	Viscosity:	N/A
Flash Point:	N/A	VOC's (% wt.)	N/A
Evaporation Point:	N/A	Percent Volatile:	N/A
Flammability (solid, gas)	N/A	Other:	N/A

10. STABILITY AND REACTIVITY

Reactivity: Stable at normal temperatures and pressures.

Chemical Stability: Stable at normal temperatures and pressures.

Possibility of hazardous reactions: None Known

Conditions to avoid: Heat, flames, and sources of ignition.

Incompatible materials: Strong oxidizing agents and reducing agents.

Hazardous decomposition Products: Carbon monoxide, carbon dioxide, and toxic hydrogen chloride vapors.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Eye Contact: Can cause severe irritation or burns to eyes.

Skin Contact: Can cause severe irritation or burns to skin.

Inhalation: Can cause severe irritation or burns to respiratory tract.

Ingestion: Can cause severe irritation or burns to throat and gastrointestinal system.

Target Organ Effects: N/A

Chronic Effects: N/A

Medical Conditions Aggravated by Exposure: N/A

Germ Cell Mutagenicity: N/A

Carcinogenicity: This product is not listed as a carcinogen (known or potential)

Reproductive Toxicity: N/A

STOST-single exposure: N/A

STOST-repeated exposure: N/A

Acute Toxicity: N/A

Acute Toxicity Values N/A

Other: N/A

12. ECOLOGICAL INFORMATION

No Data Available For Product

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of material in accordance with all federal, state, and local regulations.

Contaminated Packaging: Dispose of in accordance with all federal, state and local regulations

Other: N/A

14. TRANSPORTATION INFORMATION

DOT Description: UN1903, Disinfectants, Liquid, Corrosive, N.O.S. (Quaternary Ammonium Compound), 8, PG III

Labels Required: Corrosive

DOT Description - BULK: UN1903, Disinfectants, Liquid, Corrosive, N.O.S. (Quaternary Ammonium Compound), 8, PG III

Labels Required: Corrosive 1903

Other: N/A

15. REGULATORY INFORMATION

RQ – CERCLA (Comprehensive Environmental Response and Liability Act)

INGREDIENT(S)	CAS number	Pounds
None		

SARA 313 (Comprehensive Environmental Response and Liability Act)

This product does not contains any chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)

OSHA Hazards: No data available.

WHMIS Classification: No data available.

Clean Water Act: No data available.

Clean Air Act: No data available.

SARA 311/312: No data available.

Other: N/A

16. OTHER INFORMATION

Date of Issue: 05/29/2015

Revision Date:

Print Date: 05/29/2015

NFPA: 2-0-0

N/A

Other: Do not add anything to concentrated product.

Disclaimer:

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.