

STERAMINE®

Quaternary Sanitizer

Medical & Health, Education & Child Care, Food & Hospitality



“Steramine offers us many advantages compared to the caustic bleach sanitizing solution we were using.”

Meaghan H., Nashville, TN

Eliminate Daily Mixing

Mix a one-ounce Steramine packet with water in our four-gallon dispensing container. You can apportion solution until completely used, unlike chlorine mixtures which dissipate, requiring daily mixing.

Stain Free Sanitizing

Differing from concentrated chlorine, Steramine will not cause staining on clothing, rugs or other porous or non-porous surfaces. Steramine has a fresh, clean scent.

Proper Concentration Levels

Steramine is supplied in pre-measured packets. Our portion control packets allow for precise blending to prevent over or under concentration of solution. Quaternary test strips assure proper levels.

Less Storage Space

Store the pre-measured packets and mix when needed. One, Express Pack makes forty gallons of 200 p.p.m. quaternary sanitizing solution, requiring less shelf space.

**One Packet
Makes Four Gallons
Of 200 p.p.m.
Quaternary Sanitizer**

Starter-Kit Pack
Includes: Express Pack,
4-Gallon Dispenser
Trigger Spray Bottle,
and Quat Test Strips

Part #		Description	Price
ORSTXP-10	Express Pack	Steramine® 10 qty – 1 oz. Packets	\$13.50
ORSTXP-100	Master Pack	Steramine® 10 qty. – Express Packs (100 Packets)	\$90.00
ORSTXP-KIT	Starter-Kit Pack	Express Pack, 4-Gal. Dispenser, Bottle, Test Strips	\$65.00



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Steramine® Express Pack

Formula ID Number: SL10

Synonyms: ST-722E

MSDS File Name: INTEGRITY DIST STERAMINE

EPA Reg #: 10324-63-3640

Mfd. for: Integrity Distribution LLC
1716 Scenic Rivers Blvd. West
P.O. Box 280
Salem, MO 65560

DOT Hazard Class: None

DOT Shipping Name: Disinfectant, NOI, liquid.
Item 57100, Sub. 3, Class 85

NSF Certified: None

Phone: 573-453-5102

Fax: 573-729-3846

Emergency Contact: CHEM-TEL, 800-255-3924

Concentrate		In Dilution		HAZARD RATING
1	Flammability	0		
2	Health	1		3 = High
0	Reactivity	0		2 = Moderate
None	Special Hazard	None		1 = Slight
				0 = Insignificant

Abbreviation Key: N.A.=Not Applicable,
N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	%(Optional)
Water	7732-18-5				
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	Corrosive/Disinfectant	N.D.	N.D.	5%
Alkyl dimethyl ethylbenzyl ammonium chloride	85409-23-0	Corrosive/Disinfectant	N.D.	N.D.	5%

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear liquid Benzaldehyde odor	Solubility in water: Complete Boiling Point: N.D. Melting Point: N.A.	Vapor Pressure (mm Hg): N.D. Vapor Density (Air=1): N.D. Evaporation Rate (Water=0.3): N.D.	pH (Concentrate): 6 – 8 pH (1% Solution): N.D. Specific Gravity: 0.97 – 0.99
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SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.D.	Special Fire Fighting Procedures: Cool the fire-exposed containers with spray. Must wear MSHA/NIOSH-approved self-contained breathing apparatus.
Flammable Limits: LEL: N.A. UEL: N.A.	Unusual Fire & Explosion Hazards: Explosive mixtures can form with air.
Extinguishing Media: CO ₂ , water, dry chemical, foam	Combustion products are toxic. Solvents vapors can travel to an ignition source and flash back.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: <input checked="" type="checkbox"/> Unstable: _____	Hazardous Polymerization: May Occur _____ Will Not Occur <input checked="" type="checkbox"/>
Conditions to Avoid: Freezing and extreme heat	Conditions to Avoid: Mixing with strong oxidizers or reducing agents.
Incompatibility (Materials to Avoid): Strong oxidizers or reducing agents.	Hazardous Decomposition or By-Products: Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Severe irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes by solvent vapors or mists of products.	<u>Emergency and First Aid Procedures:</u>
Signs and Symptoms of Exposure: Severe irritation to skin. Corrosive to eyes. Severe eye damage can result from direct contact. May be fatal if ingested. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock, convulsions.	Eyes: If contact occurs, immediately flush with plenty of water for at least 15 minutes. Consult a physician.
Medical Conditions Aggravated by Exposure: No data available	Skin: If contact occurs, flush with plenty of water for at least 15 minutes. Wear gloves in the future to minimize exposure. Remove and wash contaminated clothing before reuse.
Carcinogenicity: IARC Monographs? Yes _____ No <input checked="" type="checkbox"/>	Inhalation: Remove from exposure. Obtain medical attention immediately.
NTP? Yes _____ No <input checked="" type="checkbox"/> OSHA Regulated? Yes _____ No <input checked="" type="checkbox"/>	Ingestion: May be fatal if swallowed. If ingested, drink promptly a large quantity of egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention immediately.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Mechanical (explosion proof).	Steps to be Taken if Material is Spilled or Released: Remove ignition sources. Wear respirator. Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves.	Waste Disposal: Incinerate. Comply with all local, state and federal regulations.
Eye Protection: Splash-proof safety goggles.	Handling and Storage: Keep from freezing. Store in original container.
Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area. For mist or vapor, wear NIOSH-approved respirator.	
Other Precautions: Keep out of the reach of children.	

SECTION 8 – OTHER REGULATORY INFORMATION

Toxicity:	
Acute Oral LD ₅₀ :	650 mg/kg for males and females combined – Run on 50% material
Acute Dermal:	Greater than 2000 mg/kg – Run on 50% material
Primary Skin:	Severe irritant
Primary Eye:	Corrosive

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This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Integrity Distribution makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.