

MATERIAL SAFETY DATA SHEET from STEARNS PACKAGING CORPORATION

SECTION I—PRODUCT/MANUFACTURER'S IDENTITY

IDENTITY (As Used On Label and List):

Steramine® Udder Wash

SYNONYMS: ST-13, ST-147, ST-204
Steramine® Sanitizer

FORMULA ID NUMBER: SL-10

EPA REG #: 10324-63-3640

NSF CERTIFIED: None

COMPANY: STEARNS PACKAGING CORPORATION
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HAZARD RATING		
1	Flammability	4 = Extreme
2	Health	3 = High
0	Reactivity	2 = Moderate
None	Special Hazard	1 = Slight
		0 = Insignificant

For Transportation Emergency Involving Hazardous Materials Contact: CHEM-TEL 1 (800) 255-3924

Shipping Information:

DOT SHIPPING NAME: Disinfectant, NOI, liquid. Item 57100, Sub. 3, Class 85
DOT SHIPPING NUMBER: None
HAZARD LABEL: None
HAZARD CLASS: None

SECTION II—HAZARDOUS INGREDIENTS OR IDENTITY INFORMATION

HAZARDOUS CHEMICAL IDENTITY &

CAS#	HAZARD	PEL (ppm)	TLV (ppm)	% (OPTIONAL)
▶ Alkyl dimethyl benzyl ammonium chloride 68391-01-5	Corrosive/Disinfectant	Not Determined	Not Determined	5
▶ Alkyl dimethyl ethylbenzyl ammonium chloride 68956-79-6	Corrosive/Disinfectant	Not Determined	Not Determined	5

SARA SECTION 313 TITLE III NOTIFICATION REQUIRED: No; CHEMICAL IN PRODUCT: None; CAS#: N/A; WEIGHT % OF CHEM: N/A

SECTION III—PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	Not Determined	VAPOR PRESSURE (mm Hg):	Not Determined
SPECIFIC GRAVITY:	0.97 – 0.99	VAPOR DENSITY (AIR=1):	Not Determined
MELTING POINT:	Not Applicable	EVAPORATION RATE:	Not Determined
SOLUBILITY IN WATER:	Complete	pH (CONCENTRATE):	6 - 8
APPEARANCE AND ODOR:	Clear liquid Benzaldehyde odor	pH (1% SOLUTION):	Not Determined

SECTION IV—FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	Not Determined
EXTINGUISHING MEDIA:	CO ₂ , water, dry chemical, foam
FLAMMABLE LIMITS:	LEL: Not Applicable UEL: Not Applicable
SPECIAL FIRE FIGHTING PROCEDURES:	Cool the fire-exposed containers with spray. Must wear MSHA/NIOSH-approved self-contained breathing apparatus.
FIRE & EXPLOSION HAZARDS:	Explosive mixtures can form with air. Combustion products are toxic. Solvents vapors can travel to an ignition source and flash back.

SECTION V—REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Freezing and extremes of heat
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong oxidizers or reducing agents
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	Mixing with strong oxidizers or reducing agents
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Toxic hydrogen chloride fumes, oxides of carbon and nitrogen

SECTION VI—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.

CARCINOGENICITY: NTP: No
IARC Monographs: No
OSHA Regulated: No

SIGNS AND SYMPTOMS OF OVEREXPOSURE: 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.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: If contact with eyes occurs, immediately flush with plenty of water for at least 15 minutes. Consult a physician.

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.

Inhalation: Remove from exposure. Obtain medical attention immediately.

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 VII—PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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.

WASTE DISPOSAL METHOD: Incinerate. Comply with all local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep from freezing. Store in original container.

OTHER PRECAUTIONS: Always keep product out of the reach of children.

SECTION VIII—OTHER REGULATORY INFORMATION

Toxicity:

Acute Oral LD₅₀: 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

SECTION IX—CONTROL MEASURES

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.

VENTILATION: Mechanical (explosion proof)

SKIN PROTECTION: Use neoprene, rubber, or other chemical resistant gloves

EYE PROTECTION: Splash-proof safety goggles

WORK/HYGIENIC PRACTICES: As good hygiene dictates

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