

# MATERIAL SAFETY DATA SHEET from STEARNS PACKAGING CORPORATION

## SECTION I—PRODUCT/MANUFACTURER'S IDENTITY

### IDENTITY (As Used On Label and List):

Iodine Udder Wash, Controlled

**SYNONYMS:** ST-220, ST-221, ST-148, ST-149

**FORMULA ID NUMBER:** TL-35

**EPA REG #:** None

**USDA ACCEPTANCE DATE/CATEGORY CODE:** None

**COMPANY:** STEARNS PACKAGING CORPORATION  
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HAZARD RATING		
0	Flammability	4 = Extreme
1	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:** Compound cleaning, NOI, liquid. Item 48580, Sub. 3, Class 55  
**DOT SHIPPING NUMBER:** None  
**HAZARD LABEL:** None  
**HAZARD CLASS:** None

## SECTION II—HAZARDOUS INGREDIENTS OR IDENTITY INFORMATION

### HAZARDOUS CHEMICAL IDENTITY &

<u>CAS#</u>	<u>HAZARD</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>% (OPTIONAL)</u>
▶ Alpha-(p-nonylphenyl) omega-hydroxypoly (oxyethylene) – iodine complex 9016-45-9	Irritant				
▶ Iodine Not applicable	Irritant	0.1 ppm			

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

<b>BOILING POINT:</b>	Not Determined	<b>VAPOR PRESSURE (mm Hg):</b>	Not Determined
<b>SPECIFIC GRAVITY (WATER=1):</b>	1.02	<b>VAPOR DENSITY (AIR=1):</b>	Not Determined
<b>MELTING POINT:</b>	Not Applicable	<b>EVAPORATION RATE:</b>	< 1 (Butyl Acetate=1)
<b>SOLUBILITY IN WATER:</b>	Appreciable	<b>pH (CONCENTRATE):</b>	1.91
<b>APPEARANCE AND ODOR:</b>	Brown liquid iodine odor	<b>pH (1% SOLUTION):</b>	Not Determined

## SECTION IV—FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (METHOD USED):</b>	Non-combustible, >200°F	
<b>EXTINGUISHING MEDIA:</b>	CO <sub>2</sub> , water, dry chemical	
<b>FLAMMABLE LIMITS:</b>	LEL: Not Applicable	UEL: Not Applicable
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Use full protective clothing and self-contained breathing apparatus.	
<b>FIRE &amp; EXPLOSION HAZARDS:</b>	May emit toxic fumes of iodine with high heat.	

## SECTION V—REACTIVITY DATA

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	None known
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b>	None known
<b>CONDITIONS TO AVOID:</b>	Freezing and extremes of heat
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur

## SECTION VI—HEALTH HAZARD DATA/FIRST AID PROCEDURES

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities and other mucous membranes. ACUTE

ORAL TOXICITY: LD50 (rat) = 3250 g/kg; ACUTE DERMAL TOXICITY: LD50 (rabbit) = 6.0 ml/kg

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

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Irritation of eyes and possibly upon direct prolonged contact with skin. Mists may irritate the mucous membranes.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** No data available.

### EMERGENCY AND FIRST AID PROCEDURES:

<b>Eyes:</b>	If contact with eyes occurs, flush with plenty of cool water for 15 minutes. Consult a physician.
<b>Skin:</b>	May be irritating to skin. If contact occurs, flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.
<b>Inhalation:</b>	Remove from exposure. Obtain medical attention immediately.
<b>Ingestion:</b>	May be harmful if swallowed. If ingested, drink large amounts of water or milk. <b>DO NOT</b> induce vomiting. Get medical attention immediately. Avoid contamination of foods.
<b>Note to Physician:</b>	No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to the reactions of the patient.

## SECTION VII—PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** May be flushed with water. Material is biodegradable and may be flushed with water to sewer.

**WASTE DISPOSAL METHOD:** Waste disposal must be done in accordance with all local, city or municipality, county, state, and federal regulations. Consult your state department of natural resources or the EPA for specific questions not answerable through other sources. Wastewater should never enter a fresh water body without treatment

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store at room temperature. Keep container closed when not in use. Do not mix with other chemicals or cleaning agents.

**OTHER PRECAUTIONS:** Always keep product out of the reach of children. For industrial use only.

## SECTION VIII—OTHER REGULATORY INFORMATION

**California Safe Drinking Water and Toxic Enforcement Act of 1986:**

Ethylene oxide 75-21-8

## SECTION IX—CONTROL MEASURES

<b>RESPIRATORY PROTECTION:</b>	In general, respirators are not needed if the product is used in a well-ventilated area.
<b>VENTILATION:</b> Local Exhaust:	Recommended for control of dusts and vapors.
Mechanical (General):	Recommended for control of dusts and vapors.
<b>SKIN PROTECTION:</b>	Neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact.
<b>EYE PROTECTION:</b>	Splash goggles, or safety glasses if splashing is not a concern.
<b>WORK/HYGIENIC PRACTICES:</b>	As good hygiene dictates.

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