

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined  
N/A=Not Applicable

**Product:** TRIPLE ACTION

**Manufacturer:** ESTEAM

**Flammability:** 0

**Chem. Name:** N/A

**Trade Name:** Triple Action

**Reactivity:** 0

**Chem. Family:** N/A

**Use:** Odor neutralizer

**Health:** 1

**Protection:**

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

## HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Sodium Metabisphite	7681-57-4	1-5	LD/50 1540 mg/kg (oral-rat)	5 mg/m3
Dipropylene Glycol Monopropyl Ether	29911-27-1	1-5	LD/50 1620 mg/kg (oral-rat)	N/A
Sod, Tripolyphosphate	7758-29-4	1-5	LD/50 3900 mg/kg (oral-rat)	N/A

## PHYSICAL DATA

<b>Physical State:</b> Liquid	<b>Boiling Point (C):</b> N/D	<b>Solubility in Water:</b> 100%	<b>Evaporation Rate:</b> N/D	<b>Freeze/Thaw Stable:</b> Yes
<b>Odor/Appearance:</b> Gold liquid, lemon scent	<b>Freezing Point (C):</b> 0	<b>Ph (undiluted):</b> 6.6	<b>Specific Gravity:</b> N/D	<b>Percent Volatile (vol):</b> N/D
				<b>Vapor Pressure:</b> As water

## FIRE & EXPLOSION HAZARD

<b>Flammability:</b> N	<b>Conditions:</b> N/A	
<b>Means of Extinction:</b> N/A	<b>Hazardous Combustion Products:</b> N/A	
<b>Special Procedures:</b> N/A	<b>Upper Explosion Limit (% by vol):</b> N/A	
<b>Explosion Sensitivity to Impact:</b> N/A	<b>Lower Explosion Limit (% by vol):</b> N/A	
<b>Chemical Sensitivity to Static Discharge:</b> N/A	<b>Auto-ignition:</b> N/A	
<b>Flashpoint (C) &amp; Method:</b> N/A	<b>Rate of Burning:</b> N/A	<b>TDG/WHMIS:</b> Non hazardous / Not regulated
	<b>Explosive Power:</b> N/A	

## REACTIVITY DATA

**Chemical Stability:** Stable

**Hazardous Decomposition Product:** Sulphur dioxide

**Incompatible Substances:** Strong oxidizers

## TOXICOLOGICAL PROPERTIES

<b>Route of Entry - Skin Contact:</b>	Y	<b>Reproductive Effects Y/N:</b>	N
<b>Route of Entry - Skin Absorption:</b>	N	<b>Carcinogenicity Y/N:</b>	N
<b>Route of Entry - Eye Contact:</b>	Y	<b>Mutagenicity Y/N:</b>	N
<b>Route of Entry - Inhalation:</b>	Y	<b>Teratogenicity Y/N:</b>	N
<b>Route of Entry - Ingestion:</b>	Y	<b>TLV:</b>	N/D

### Effects of Overexposure:

#### Acute Effects:

Bacterial infection may occur through open wounds or broken skin. May cause eye irritation, and defatting of the skin.

#### Chronic Effects:

None

## PREVENTATIVE MEASURES

**Gloves:** Rubber  
**Eyes:** Goggles

**Footwear:** N/A  
**Respirator:** N/A

**Clothing:** N/A  
**Other:** N/A

### Recommended Engineered Controls:

Use with adequate ventilation.

### Leak & Spill Procedures:

Rinse spill area thoroughly with clear water.

### Waste Disposal Methods:

According to federal, provincial and municipal regulations.

### Special Handling Procedures:

Avoid eye contact. Avoid breathing spray mist. Keep out of reach of children.

## FIRST AID MEASURES

<b>Inhalation:</b>	Move person to fresh air. If allergic respiratory reaction should occur, seek medical attention.
<b>Ingestion:</b>	Drink large amounts of water and get medical attention.
<b>Eye Contact:</b>	Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.
<b>Skin Contact:</b>	Wash with soap and running water.

**Prep./Revised Date:** May 1, 2007

**Prepared By:** R. Russell

**Source Material:** Manufacturer's MSDS

**Emergency Response:** 1-613-996-6666 (Transport Emergencies)

**Mailing Address:** Esteam Manufacturing Ltd.  
3750-19th Street NE Calgary, AB T2E 6V2



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.