

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

<b>Product:</b> BAC-STOP	<b>Manufacturer:</b> ESTEAM	<b>Flammability:</b> 2		
<b>Chem. Name:</b> N/A	<b>Trade Name:</b> BAC-STOP	<b>Reactivity:</b> 0		
<b>Chem. Family:</b> Mixture	<b>Use:</b> Water damage disinfectant	<b>Health:</b> 2		
NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4				
<b>HAZARDOUS INGREDIENTS</b>	<b>CAS #</b>	<b>% WT</b>	<b>HAZARD DATA</b>	<b>EXPOSURE LIMITS (TLV)</b>
O-Phenyl Phenol	90-43-7	0-1	LD50 2700 mg/kg (oral)	N/A
Ethyl Alcohol	64-17-5	50-80	LD50 13700 mg/kg (oral-rat)	1000 ppm

## PHYSICAL DATA

<b>Physical State:</b> Liquid	<b>Boiling Point (C):</b> 176 F	<b>Solubility in Water:</b> Soluble	<b>Evaporation Rate:</b> N/D	<b>Freeze/Thaw Stable:</b> Doesn't freeze
<b>Odor/Appearance:</b> Clear, citrus scent	<b>Freezing Point (C):</b> N/D	<b>pH (undiluted):</b> N/D	<b>Specific Gravity:</b> 0.93	<b>Percent Volatile (vol):</b> N/D <b>Vapor Pressure:</b> 31

## FIRE & EXPLOSION HAZARD

<b>Flammability:</b> Y	<b>Conditions:</b> N/D	<b>Hazardous Combustion Products:</b> N/D	<b>Upper Explosion Limit (% by vol):</b> N/D	<b>Lower Explosion Limit (% by vol):</b> N/D	<b>Limited quantity under 5 L.</b>
<b>Means of Extinction:</b> CO2, dry chemical, foam					<b>Alcohols, Flammable, Toxic, N.O.S. (Methanol) Class</b>
<b>Special Procedures:</b> Wear SCBA, keep runoff out of sewers.					
<b>Explosion Sensitivity to Impact:</b> N/D	<b>Auto-ignition:</b> N/A				
<b>Chemical Sensitivity to Static Discharge:</b> N/D	<b>Rate of Burning:</b> N/A				<b>TDG/WHMIS:</b> 3(6.1) UN# 1986 PG III / B2, D2B
<b>Flashpoint (C) &amp; Method:</b> 76 F T.O.C.	<b>Explosive Power:</b> N/A				

## REACTIVITY DATA

### Chemical Stability:

**Hazardous Decomposition Product:** CO, CO2

**Incompatible Substances:** Strong acids and oxidizers

## TOXICOLOGICAL PROPERTIES

<b>Route of Entry - Skin Contact:</b> Y	<b>Reproductive Effects Y/N:</b> N	<b>Effects of Overexposure:</b>
<b>Route of Entry - Skin Absorption:</b> N	<b>Carcinogenicity Y/N:</b> N	<b>Acute Effects:</b>
<b>Route of Entry - Eye Contact:</b> Y	<b>Mutagenicity Y/N:</b> N	Dizziness, nausea, anorexia, stomach ache. Irritation of eyes, skin and respiratory tract.
<b>Route of Entry - Inhalation:</b> Y	<b>Teratogenicity Y/N:</b> N/D	
<b>Route of Entry - Ingestion:</b> Y	<b>TLV:</b> N/D	<b>Chronic Effects:</b> Irritation of dry skin can result from prolonged or repeated contact.

## PREVENTATIVE MEASURES

<b>Gloves:</b> Rubber or neoprene	<b>Footwear:</b> N/A	<b>Clothing:</b> N/A
<b>Eyes:</b> Chemical goggles	<b>Respirator:</b> NIOSH organic vapour	<b>Other:</b> N/A

<b>Recommended Engineered Controls:</b> Use with adequate ventilation.	<b>Leak &amp; Spill Procedures:</b> Contain spill, do not let material enter water courses. Ventilate area and eliminate ignition sources. Collect with absorbent.	<b>Waste Disposal Methods:</b> According to federal, provincial and municipal regulations.	<b>Special Handling Procedures:</b> Store in a cool, dry location away from ignition sources. Avoid skin and eye contact. Do not concentrate, do not inhale vapours.
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## FIRST AID MEASURES

**Inhalation:** Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.

**Ingestion:** Get immediate medical attention. Do not induce vomiting.

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.

**Skin Contact:** Immediately wash skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

<b>Prep./Revised Date:</b> January 15, 2015	<b>Mailing Address:</b> Esteam Manufacturing Ltd. 3750-19th Street NE Calgary, AB T2E 6V2
<b>Prepared By:</b> R. Russell	
<b>Source Material:</b> Manufacturer's MSDS	
<b>Emergency Response:</b> 1-613-996-6666 (Transport Emergencies)	
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.	