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Item #: 0395 - 0105

**Instant Antiseptic Pain Relief**

**Date: 04/18/07**

**SECTION I**

**PRODUCT IDENTIFICATION**

**Product Name:** Instant Antiseptic Pain Relief

**General or Generic ID:** Phenol 4.7% in Anhydrous Light Mineral Oil

**Emergency Phone Numbers:**

**Chemtec:** 1-800-424-9300

**Canutec:** 613-996-6666 (Outside USA & Canada)

**SECTION II**

**COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>CAS No.</b>	<b>% (by weight)</b>
Phenol	108-95-2	4.7

**SECTION III**

**HAZARDS IDENTIFICATION**

**Potential Health Effects**

**Eye Contact:** Corrosive.

**Skin Contact:** Rapid penetration; corrosive.

**Ingestion:** Severe irritant.

**Inhalation:** Severe irritant.

**Symptoms of Exposure:** Exposure to phenol can cause irritation of the eyes, nose and throat; anorexia and weight loss; muscular weakness, ache, and pain; darkened urine; cyanosis; liver and kidney damage; skin burns; dermatitis; tremor, convulsions and twitching.

**Target Organ Effects:** No data.

**Cancer Information:** No data.

**Developmental Information:** No data.

**Other Health Effects:** No data.

**Primary Route(s) of Entry:** Inhalation, skin contact.

## Instant Antiseptic Pain Relief

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### SECTION IV

### FIRST AID MEASURES

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**Inhalation:** Remove victim to fresh air. Encourage victim to take deep breaths of fresh air. If the victim has difficulty breathing, administer oxygen; perform rescue breathing if necessary. It may be dangerous to the person providing aid to give rescue breathing when the inhaled material is toxic/corrosive. Immediately call a hospital or poison control center and prepare to transport victim to a hospital. Ensure rescue personnel wear appropriate personal protective equipment.

**Ingestion:** Do not induce vomiting. Phenols are corrosive and irritating; induction of vomiting may worsen the medical condition of the victim. Immediately call a hospital or poison control center and prepare to transport the victim to a hospital. Locate activated charcoal or milk in case the medical advisor recommends administration. If medical advice is not immediately available and the victim is conscious and not convulsing, give the victim a glass of activated charcoal slurry in water or a glass of milk or water. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open, and lay the victim on his/her side with the head lower than the body. Transport the victim immediately to a hospital.

**Skin Contact:** Immediately flood affected skin with water while removing and isolating all contaminated clothing. Ensure rescue personnel are protected from exposure by wearing appropriate personal protective equipment. Gently wash all affected skin areas thoroughly with soap and water. Be particularly careful to clean folds, creases, and groin area. Seek medical attention immediately even if no symptoms such as redness or irritation appear.

**Eye Contact:** First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. Immediately transport the victim after flushing eyes to a hospital even if no symptoms develop.

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### SECTION V

### FIRE FIGHTING MEASURES

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**Flash Point:** 165.5°C (Mineral Oil Light)

**Explosive Limit:** NA      **Autoignition Temperature:** No data.

**Hazardous Products of Combustion:** May form CO<sub>2</sub> and CO, various hydrocarbons.

**Fire & Explosion Hazards:** No data.

**Extinguishing Media:** Use alcohol foam, CO<sub>2</sub>, or dry chemical to fight fire. Consider appropriate extinguishing media for surrounding fire. Product is combustible when heated.

**Fire Fighting Instructions:** Self-contained breathing apparatus and protective equipment for fire fighting.

## Instant Antiseptic Pain Relief

### Degree of Hazard

4 - Extreme	Flammability	1
3 - High	Health	3
2 - Moderate	Reactivity	0
1 - Slight		
0 - Insignificant		

## SECTION VI ACCIDENTAL RELEASE MEASURES

**Personnel Precautions:** Wear gloves and eye protection.

**Environmental Precautions:** None necessary under normal conditions of use.

**Measures for Cleaning/Collection:** Use absorbent paper to pick up all liquid spill material. Seal the absorbent paper, as well as contaminated clothing, in a vapor-tight plastic bag for eventual disposal. Wash all contaminated surfaces with a soap and water solution.

## SECTION VII HANDLING & STORAGE

**Handling:** Wear PPE when handling this material. Additional protective clothing should be worn depending on potential exposure to product. Wash hands after handling.

**Storage:** Store in a cool, dry, well-ventilated location. Protect this product from light.

## SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye Protection:** Splash-proof safety goggles must be worn while handling this chemical.

**Skin Protection:** Wear gloves when using this chemical. If this chemical comes into contact with your gloves, or if a tear/puncture develops, remove at once and wash hands. Additional protective clothing should be worn depending on potential exposure to product.

**Respiratory Protection:** None necessary under conditions of normal use.

**Engineering Controls:** None necessary under conditions of normal use.

Exposure Guidelines:	Component	Limit
	Phenol	5 ppm

## Instant Antiseptic Pain Relief

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### SECTION IX PHYSICAL & CHEMICAL PROPERTIES

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<b>Boiling Point:</b> No data.	<b>Vapor Pressure (mm Hg):</b> No data.
<b>Appearance:</b> No data.	<b>Odor:</b> No data.
<b>% Volatiles:</b> No data.	<b>pH:</b> NA
<b>Vapor Density (Air=1):</b> NA	<b>Evaporation Rate:</b> Slower than Ethyl Ether
<b>Specific Gravity:</b> .860 @ 60°F	<b>Color:</b> Colorless to pale yellow.
<b>State:</b> Liquid	<b>Physical Form:</b> Viscous liquid
<b>Liquid Density:</b> 7.160 lbs/gal @ 60°F .860 kg/l @ 15.60°C	

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### SECTION X STABILITY & REACTIVITY

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**Chemical Stability:** Stable.

**Hazardous Decomposition:** When heated to decomposition, product may emit acrid smoke and irritating fumes.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Phenol is incompatible with strong oxidizers, calcium hypochlorite, butadiene, nitrobenzene; explosive reactions can occur with formaldehyde, peroxodisulfuric acid, perosomonosulfuric acid, aluminum chloride, and sodium nitrate. When hot, phenol attacks aluminum, magnesium, lead, and zinc metals. Some forms of plastic and rubber are attacked by phenol. This product is combustible; avoid open flames and heat.

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### SECTION XI TOXICOLOGICAL INFORMATION

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**Acute Toxicity:** Phenol may be fatal by ingestion, inhalation, or skin absorption. It rapidly penetrates the skin. Absorption of phenolic solutions through the skin may be very rapid and can cause death within 30 minutes by exposure of as little as 64 square inches of skin. It is corrosive to the skin and eyes. Phenol is a severe irritant of the nose, throat and respiratory tract. The oral LD50 for phenol is 270 mg/kg and the dermal LD50 is 669 mg/kg.

**Chronic Toxicity:** This product is not considered a carcinogen by NTP, IARC or OSHA. Phenol is an experimental carcinogen and neoplastigen.

**Instant Antiseptic Pain Relief**

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**SECTION XII**                      **ECOLOGICAL INFORMATION**

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None anticipated under normal conditions of use.

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**SECTION XIII**                      **DISPOSAL CONSIDERATIONS**

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Dispose of all waste and contaminated materials associated with this chemical as specified by existing local, state and federal regulations concerning hazardous waste disposal. Contact the Occupational and Environmental Safety Office for specific guidance.

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**SECTION XIV**                      **TRANSPORT INFORMATION**

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**DOT Description:** Phenol solutions                      **UN/ID Number:** UN2821

**Hazard Class:** 6.1    **Packing Group:** II

**Labels Required:** Poison

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**SECTION XV**                      **REGULATORY INFORMATION**

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Phenol is listed by CERCLA, SARA 312 and 313, and TSCA.

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**SECTION XVI**                      **OTHER INFORMATION**

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This information is based on our present knowledge; however this shall not constitute a guarantee for any specific product features. No toxicity data are available on this specific formulation; this health assessment is based on information that is available for its components.