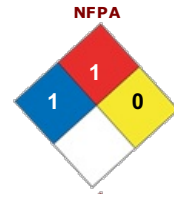


## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

**Product Name:** PS-3212F  
**Product Code:** 3275  
**SDS Manufacturer Number:** 3275NOTREG  
**Manufacturer Name:** Contec, Inc.  
**Address:** 525 Locust Grove  
 Spartanburg, South Carolina 29303  
 USA  
**Website:** www.contecinc.com  
**General Phone Number:** 1-864-503-8333  
**Emergency Phone Number:** Chemtec® US: 1-800-424-9300 International: 1-703-527-3887  
**SDS Creation Date:** October 10, 2013  
**SDS Revision Date:** January 12, 2015  
**(M)SDS Format:**



HMIS	
Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	X

### SECTION 2 : HAZARD(S) IDENTIFICATION

**GHS Pictograms:**



**Signal Word:** WARNING!

**GHS Class:** Eye Irritant, Category 2.  
 Skin Irritant, Category 2.  
 Germ cell mutagenicity, Category 2.  
 Specific Target Organ Toxicity, Single Exposure Category 2  
 Specific Target Organ Toxicity, Repeated Exposure Category 2

**Hazard Statements:** May cause eye irritation.  
 May cause skin irritation.  
 Suspected of causing genetic defects..  
 May cause damage to organs..  
 May cause damage to organs through prolonged or repeated exposure..

**Precautionary Statements:** Wash hands thoroughly after handling.  
 Wear eye protection.  
 Do not eat, drink or smoke when using this product.  
 Do not breath vapors, mist, or spray.  
 Do not handle until all safety precautions have been read and understood.  
 Obtain special instructions before use.  
 Store locked up.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/attention.  
 IF ON SKIN: Wash with plenty of water.  
 If skin irritation occurs: Get medical advice/attention.  
 Take off contaminated clothing and wash it before reuse.  
 IF exposed or concerned: Get medical advice/attention.  
 Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

**Emergency Overview:** WARNING! Irritant.

**Route of Exposure:** Eyes. Skin. Inhalation. Ingestion.

**Potential Health Effects:**

**Eye:** May cause irritation.

**Skin:** May cause irritation.

**Inhalation:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Target Organs:** Eyes. Skin. Respiratory system. Digestive system.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Water	7732-18-5	>95 by weight	231-791-2
Phenol	108-95-2	1.56 by weight	203-632-7

**SECTION 4 : FIRST AID MEASURES**

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
<b>Skin Contact:</b>	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
<b>Other First Aid:</b>	First Responders should provide for their own safety prior to rendering assistance.

**SECTION 5 : FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	Not determined.
<b>Auto Ignition Temperature:</b>	Not determined.
<b>Lower Flammable/Explosive Limit:</b>	Not determined.
<b>Upper Flammable/Explosive Limit:</b>	Not determined.
<b>Fire Fighting Instructions:</b>	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
<b>Extinguishing Media:</b>	Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.
<b>Protective Equipment:</b>	In the event of a fire, wear Self-Contained Breathing Apparatus (SCBA), approved or in accordance to NFPA, NIOSH, and/or European Standard EN 137 guidelines or equivalent and full protective gear.
<b>Unusual Fire Hazards:</b>	Material may spatter above 100 °C/212 °F.
<b>NFPA Ratings:</b>	
NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches, and waterways.
<b>Methods for containment:</b>	Contain spills with an inert absorbent material such as soil, sand or oil dry.
<b>Methods for cleanup:</b>	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

**SECTION 7 : HANDLING and STORAGE**

<b>Handling:</b>	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
<b>Storage:</b>	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Store away from direct heat or sunlight, sources of UV radiation, peroxides, or free radicals. Do not store in temperatures above 49°C (120 °F) or below 9°C (48 °F). Keep away from direct sunlight.
<b>Work Practices:</b>	Handle in accordance with good industrial hygiene and safety practices.
<b>Hygiene Practices:</b>	Wash thoroughly after handling.

**SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION**

<b>Engineering Controls:</b>	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
<b>Eye/Face Protection:</b>	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
<b>Skin Protection Description:</b>	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
<b>Hand Protection Description:</b>	Nitrile rubber or natural rubber gloves are recommended.

**Respiratory Protection:** Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.  
Comply with the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149  
Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**Other Protective:** Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

**PPE Pictograms:**



#### EXPOSURE GUIDELINES

##### **Phenol:**

**Guideline ACGIH:** TLV-TWA: 5 ppm  
Skin: Yes.

**Guideline OSHA:** PEL-TWA: 5 ppm  
Skin: Yes.

#### SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

**Physical State Appearance:** Liquid.

**Odor:** Slight.

**Boiling Point:** Not determined.

**Melting Point:** Not determined.

**Specific Gravity:** 1.007 @ 20C

**Solubility:** Miscible in water.

**Vapor Density:** Not determined.

**Vapor Pressure:** Not determined.

**Percent Volatile:** Data not available.

**Evaporation Rate:** Not determined.

**pH:** Not determined.

**Flash Point:** Not determined.

**Auto Ignition Temperature:** Not determined.

#### SECTION 10 : STABILITY and REACTIVITY

**Chemical Stability:** Stable under recommended handling and storage conditions.

**Hazardous Polymerization:** Hazardous polymerization does not occur.

**Conditions to Avoid:** Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 0°C (32°F).

**Incompatible Materials:** Water reactive materials.

**Special Decomposition Products:** Thermal decomposition can lead to release irritant fumes and toxic gases.

#### SECTION 11 : TOXICOLOGICAL INFORMATION

##### **Phenol:**

**Eye:** Eye - Rabbit Standard Draize test.: 5 mg  
Eye - Rabbit Rinsed with water.: 5 mg/30S (RTECS)

**Skin:** Administration onto the skin - Rabbit Open irritation test: 535 mg  
Administration onto the skin - Rabbit Standard Draize test.: 100 mg  
Administration onto the skin - Rat LD50: 669 mg/kg [Behavioral - Tremor Kidney/Ureter/Bladder - Hematuria Skin and Appendages - Cutaneous sensitization, experimental (After topical exposure)]  
Administration onto the skin - Rat LD50: 1500 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

**Inhalation:** Inhalation - Mouse LC50: 177 mg/m3 [Details of toxic effects not reported other than lethal dose value]  
Inhalation - Rat LC50: 316 mg/m3 [Details of toxic effects not reported other than lethal dose value]  
Inhalation - Mouse LC50: 177 mg/m3/4H [Details of toxic effects not reported other than lethal dose value]  
Inhalation - Rat LC50: 316 mg/m3/4H [Details of toxic effects not reported other than lethal dose value] (RTECS)

**Ingestion:** Oral - Rat LD50: 317 mg/kg [Behavioral - Convulsions or effect on seizure threshold]  
Oral - Mouse LD50: 270 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Oral - Rat LD50: 512 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

#### SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity: No environmental information found for this product.  
Environmental Fate: No environmental information found for this product.

## SECTION 13 : DISPOSAL CONSIDERATIONS

**Waste Disposal:** Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 or the EU Directive 2008/98/EC on waste for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state, local, or provincial waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

## SECTION 14 : TRANSPORT INFORMATION

**DOT Shipping Name:** Not regulated as hazardous material for transportation.  
**DOT Hazard Class:** Not applicable.  
**DOT Packing Group:** Not applicable.  
**IATA Shipping Name:** Not regulated as hazardous material for transportation.  
**IATA Hazard Class:** Not applicable.  
**IATA Packing Group:** Not applicable.  
**IMDG UN Number :** Not applicable.  
**IMDG Shipping Name :** Not regulated as hazardous material for transportation.  
**IMDG Hazard Class :** Not applicable.  
**IMDG Packing Group :** Not applicable.  
**Marine Pollutant:** No.

## SECTION 15 : REGULATORY INFORMATION

**US Federal:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:  
Hazard to Humans and domestic animals  
Caution: Causes moderate eye irritation.  
Avoid contact with eyes or clothing.  
Wash thoroughly with soap and water after handling.

**SARA:** This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).

**Canada WHMIS:** Xi - Irritant.

**Water:**

**EC Number:** 231-791-2

**Phenol:**

**TSCA Inventory Status:** Listed

**Section 302 EHS:** EPCRA (SARA Title III) Section 302 (40 CFR Part 355) Extremely Hazardous Substances (EHS) Threshold Planning Quantity (TPQ) in pounds.: 500/10,000 Lbs.

**Section 313:** EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.

**New Jersey:** Listed: NJ Hazardous List; Substance Number: 1487

**Massachusetts:** Listed: Massachusetts Oil and Hazardous List

**Pennsylvania:** Listed

**Canada DSL:** Listed

**Canada IDL:** Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 0.1%.1261(1374)

**EC Number:** 203-632-7

**Sodium Phenate:**

**EC Number:** 205-347-3

## SECTION 16 : ADDITIONAL INFORMATION

### HMIS Ratings:

HMIS Health Hazard: 1  
HMIS Fire Hazard: 1  
HMIS Reactivity: 0  
HMIS Personal Protection: X

SDS Creation Date: October 10, 2013  
SDS Revision Date: January 12, 2015

**SDS Format:**

**Disclaimer:**

The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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