



**INGESTION**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention.

**SKIN CONTACT**

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention. See 'Notes To The Physician' above.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

**5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers. Flush area with water. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

**7. HANDLING & STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a cool, dry well-ventilated place.

**STORAGE CLASS**

Corrosive storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA		STEL	
PHENOL	WEL (skin)	5 ppm	19 mg/m <sup>3</sup>	10 ppm	38 mg/m <sup>3</sup>

*WEL – Workplace Exposure Limit; 8h TWA – 8-hour Time-Weighted Average; STEL – Short-Term EL.*

### PROTECTIVE EQUIPMENT



#### HAND PROTECTION

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### EYE PROTECTION

Wear approved safety goggles.

#### OTHER PROTECTION

Provide eyewash station. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

#### HYGIENE MEASURES

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Red-Orange Liquid
ODOUR	Weakly Phenolic
SOLUBILITY	Soluble in water

## 10. STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions and recommended use.

### 11. TOXICOLOGICAL INFORMATION

#### INHALATION

Harmful by inhalation.

#### INGESTION

Harmful if swallowed.

#### SKIN CONTACT

Harmful in contact with skin. Irritating to skin.

#### EYE CONTACT

Irritating to eyes.

#### OTHER HEALTH EFFECTS

Mutagen Category 3.

#### SPECIFIC EFFECTS

Possible risk of irreversible effects. Contains a substance/a group of substances which may cause harm to the unborn child.

### 12. ECOLOGICAL INFORMATION

#### ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 13. DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

### 14. TRANSPORT INFORMATION



#### RID / ADR

UN#	2821
Class	6.1 (8)
PG	III
Proper shipping name:	Phenol Solution

#### IMDG

UN#	2821
Class	6.1 (8)
PG	III
Proper shipping name:	Phenol Solution
Marine Pollutant:	No

#### IATA

UN#	2821
Class	6.1 (8)
PG	III
Proper shipping name:	Phenol Solution

## 15. REGULATORY INFORMATION

### LABELLING



Corrosive



Harmful

### CONTAINS

PHENOL

### RISK PHRASES

- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed  
 R34 Causes burns  
 R68 Possible risk of irreversible effects

### SAFETY PHRASES

- S1/2 Keep locked up and out of the reach of children  
 S24/25 Avoid contact with skin and eyes  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S28 After contact with skin, wash immediately with plenty of water (see Notes To Physician: use PEG-300 for skin)  
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection  
 S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

### GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

**16. OTHER INFORMATION****GENERAL INFORMATION**

This safety data sheet covers all codes for this product.

**REVISION COMMENTS**

Phenol limits reassessed.

R&S phrases reassessed.

**REVISION DATE**

07-2008

**REV. NO./REPL. SDS GENERATED**

3 / 09-2006

**RISK PHRASES IN FULL**

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed
R22	Harmful if swallowed
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R24	Toxic in contact with skin
R34	Causes burns
R40	Limited evidence of a carcinogenic effect
R41	Risk of serious damage to eyes
R68	Possible risk of irreversible effects