

## MATERIAL SAFETY DATA SHEET

### PHENOL RED - 65 ml

Last updated on 17<sup>TH</sup> October 2008

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**GENERAL INFORMATION**

PRODUCT NAME:	PHENOL RED
MANUFACTURE'S NAME:	OEM for Eutech Instruments Pte Ltd & Oakton

**PHYSICAL AND CHEMICAL PROPERTIES**

State:	Liquid
Colour:	Orange –red
Odour:	Odourless
Evaporation Rate:	Slow
Oxidizing:	Non- Oxidizing ( by EC criteria)
Solubility in water:	Miscible in all proportions
Viscosity;	Non-viscous
pH:	6.0 – 8.0

**REACTIVITY DATA**

Chemical Stability:	Stable under normal conditions.
Conditions to avoid:.	Heat. Direct sunlight.

**HAZARDS IDENTIFICATION**

Main hazards:	No significant hazard
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**FIRST AID MEASURES (SYMPTOMS)**

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:.	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

**FIRST AID MEASURES (ACTION)**

Skin contact:	Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Eye contact:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion:	If conscious, give half a liter of water to drink immediately. Transfer to hospital as soon as possible.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so.

#### FIRE FIGHTING MEASURES

Extinguishing media:	Water. Carbon dioxide. Dry chemical powder. Foam vaporizing liquids.
Protection of fire-fighters:	Wear protective clothing to prevent contact with skin and eyes.

#### ACCIDENTAL RELEASE MEASURES

Personal precautions:	Refer to section 8 of SDS for personal protection details.
Clean-up procedures:	Wash down the drain with large amounts of water. Wash the spillage site with large amounts of water.

#### HANDLING AND STORAGE

Handling requirements:	Avoid direct contact with the substance.
Storage conditions:	Store in cool, well-ventilated area. Keep container tightly closed. Keep away from direct sunlight.
Suitable packaging:	Must only be kept in original packaging.

#### EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection:	Protective gloves. Nitrile gloves. PVC gloves. Butyl gloves.
Eye protection:	Safety glasses.
Skin protection	Protective clothing.

#### ECOLOGICAL INFORMATION

Mobility:	Non –volatile.
Persistence and degradability:	Biodegradable.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Negligible ecotoxicity.

#### DISPOSAL CONSIDERATIONS

Disposal of packaging:	Dispose of as normal industrial waste.
Note:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**REGULATORY INFORMATION**

Hazard symbols:	No significant hazard.
Safety phrases :	S2: Keep out of the reach of children. S24/25: Avoid contact with skin and eyes.
Note:	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The users attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**TRANSPORTATION DATA AND ADDITIONAL INFORMATION**

**Domestic (D.O.T.)**

Proper shipping name:	non-regulated
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**International (I.M.O.)**

Proper shipping name:	non-regulated
Marine pollutants:	Acid

**Air (I.C.A.O.)**

Proper shipping name:	non-regulated
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