

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Product Name CARBOL FUCHSIN (DILUTE ZIEHL-NEELEN)

Product Code 62013X

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e-mail / Website Info@clin-tech.co.uk / www.clin-tech.co.uk**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
ETHANOL	200-578-6	64-17-5	0-1%	F; R11
METHANOL	200-659-6	67-56-1	0-1%	F; R11 T; R23/24/25,R39/23/24/25
MAGENTA TECHNICAL DYE (BASIC FUCHSIN)	209-321-2	569-61-9	0-1%	Carc.2; R45
PHENOL	203-632-7	108-95-2	0-1%	Muta.3; R68 T; R23/24/25 C; R34 Xn; R48/20/21/22

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATIONCLASSIFICATION Xn; R36
Carc.3; R40
Mut.3; R68

- Irritating to eyes
- Limited evidence of a carcinogenic effect
- Possible risk of irreversible effects

4. FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

SPECIFIC NOTES FOR PHENOLS AND PICRATES TREATMENT: Wash affected area of skin with polyethylene glycol MW 300 for at least 30 minutes wearing protective gloves. DO NOT use this method for the treatment of eyes.

INHALATION

Move the exposed person to fresh air at once. Get medical attention if symptoms occur. See 'Notes To The Physician' above.

INGESTION

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

SKIN CONTACT

Remove contaminated clothing and launder before reuse. Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.

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

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA		STEL	
METHANOL	WEL (skin)	200 ppm	260 mg/m ³	250 ppm	310 mg/m ³
ETHANOL	WEL	1000 ppm	1900 mg/m ³		
PHENOL	WEL (skin)	5 ppm	19 mg/m ³	10 ppm	38 mg/m ³

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

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Well-ventilated area.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Wear 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 if there is a risk of splashing.

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	Dark Pink – Purple Liquid
ODOUR	Very faint odour of phenol and alcohol
SOLUBILITY	Soluble in water.

10. STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

11. TOXICOLOGICAL INFORMATION**INHALATION**

Harmful by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

INGESTION

Harmful if swallowed. Harmful: danger of serious damage to health by prolonged exposure if swallowed.

SKIN CONTACT

Harmful in contact with skin. Harmful: danger of serious damage to health by prolonged exposure in contact with skin.

EYE CONTACT

Harmful. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

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

IATA

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

15. REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

PHENOL

RISK PHRASES

R36	Irritating to eyes
R40	Limited evidence of a carcinogenic effect
R68	Possible risk of irreversible effects

SAFETY PHRASES

S1/2	Keep locked up and out of the reach of children
S24	Avoid contact with skin
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

R11	Highly flammable
R48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R34	Causes burns
R36	Irritating to eyes
R40	Limited evidence of a carcinogenic effect
R45	May cause cancer
R68	Possible risk of irreversible effects