

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME GRAM'S CARBOL FUCHSIN

PRODUCT CODE 62013x

|                 |                      |           |                      |
|-----------------|----------------------|-----------|----------------------|
| <u>SUPPLIER</u> | Clin-Tech Limited    | Telephone | +44 (0)1483 301902   |
|                 | Unit G, Perram Works | Fax       | +44 (0)1483 301907   |
|                 | Merrow Lane          |           |                      |
|                 | Guildford, Surrey    | Email     | info@clin-tech.co.uk |
|                 | GU4 7BN              | Website   | www.clin-tech.co.uk  |
|                 | UK                   |           |                      |

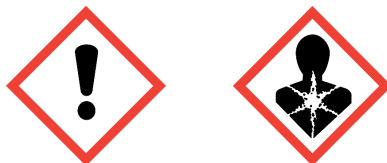
## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

|                                     |      |
|-------------------------------------|------|
| Acute toxicity, Oral (Category 5)   | H303 |
| Skin Irritation (Category 3)        | H316 |
| Eye Irritation (Category 2B)        | H320 |
| Germ Cell Mutagenicity (Category 2) | H341 |

### LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

WARNING



#### Hazard statement(s)

|      |                                      |
|------|--------------------------------------|
| H303 | May be harmful if swallowed          |
| H316 | Causes mild skin irritation          |
| H320 | Causes eye irritation                |
| H341 | Suspected of causing genetic defects |

#### Precautionary statement(s)

|                |   |
|----------------|---|
| P261           | Avoid breathing fumes/mist/vapours  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
| P310           | Immediately call a POISON CENTER or doctor/physician  |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Name  | EC #      | CAS #      | Content | Classification   |
|---|-----------|------------|---------|--|
| PHENOL  | 203-632-7 | 108-95-2   | 0-1%    | Muta 2, Acute Tox. 3, STOT RE 2, Skin Corr. 1B<br>H301 H311 H314 H331<br>H341 H373 |
| BASIC FUCHSIN<br>[CI 42510]   | 211-189-6 | 58969-01-0 | 0-1%    | Acute Tox. 4, Resp. Sens. 1,<br>Skin Sens. 1, Carc. 2<br>H302 H317 H334 H351       |
| 4-[(4-Aminophenyl)-(4-imino-1-cyclohexa-2,5-dienylidene)methyl] aniline hydrochloride |           |            |         |  |
| ETHANOL   | 200-578-6 | 64-17-5    | 0-1%    | Flam. Liq. 2<br>H225   |
| METHANOL  | 200-659-6 | 67-56-1    | <1%     | Flam. Liq. 2; Acute Tox. 3;<br>STOT SE 1<br>H225 H301 H311 H331<br>H370            |

### 4. FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

#### INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention immediately.

#### SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

#### 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. Get medical attention.

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Alcohol-resistant foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS

May travel considerable distance to source of ignition and flash back. May form explosive or toxic mixtures with air. Vapour explosion and poison hazard indoors, outdoors and in sewers. Forms harmful carbon oxides on combustion.

#### 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. Avoid breathing fumes. Ensure adequate ventilation. Evacuate personnel.

### ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

### SPILL CLEAN-UP METHODS

Absorb with sand or vermiculite, and sweep up into bag and hold for hazardous disposal. Avoid creating dust. Ventilate area.

## 7. HANDLING & STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust where vapour or mist is raised.

### 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    |                       |
|----------|------------|----------|------------------------|---------|-----------------------|
| PHENOL   | WEL (skin) | 5 ppm    | 19 mg/m <sup>3</sup>   | 10 ppm  | 38 mg/m <sup>3</sup>  |
| ETHANOL  | WEL        | 1000 ppm | 1920 mg/m <sup>3</sup> |         |                       |
| METHANOL | WEL (skin) | 200 ppm  | 260 mg/m <sup>3</sup>  | 250 ppm | 333 mg/m <sup>3</sup> |

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

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### PROTECTIVE EQUIPMENT



### HAND PROTECTION

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

### EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

## RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high vapour levels are likely.

## OTHER PROTECTION

Provide eyewash station.

## 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.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

|                            |                             |
|----------------------------|-----------------------------|
| APPEARANCE                 | Purple Liquid               |
| ODOUR                      | Slight Phenolic / alcoholic |
| SOLUBILITY / MISCIBLE WITH | Water, Ethanol              |
| SPECIFIC GRAVITY           | ~1.00 @ 20 °C               |

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## **10. STABILITY AND REACTIVITY**

### STABILITY

Stable under normal temperature conditions and recommended use.

### INCOMPATIBLE MATERIALS

Bases, Amines, Alkali metals, Metals, Permanganates

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## **11. TOXICOLOGICAL INFORMATION**

### CARCINOGENICITY

(PHENOL) IARC: 3 – Group 3 – Not classifiable as to its Carcinogenicity to Humans

### INHALATION

May be harmful if inhaled. Causes respiratory tract irritation.

### INGESTION

May be harmful by ingestion.

### SKIN CONTACT

May be harmful by skin absorption. Causes skin irritation.

### EYE CONTACT

Causes eye irritation.

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## **12. ECOLOGICAL INFORMATION**

### ECOTOXICITY

Not regarded as dangerous for the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

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

## 14. TRANSPORT INFORMATION

|                | UN #   | Class | Packing | Proper shipping name |
|----------------|--|-------|---------|----------------------|
| <u>RID/ADR</u> | <i>Not regarded as hazardous for transport</i> |       |         |                      |
| <u>IATA</u>    |  |       |         |                      |
| <u>IMDG</u>    |  |       |         |                      |

## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.

Workplace Exposure Limits EH40/2011.

## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

### REVISION INFORMATION

|                             |                          |
|-----------------------------|--------------------------|
| Revision No.                | 05                       |
| Revision Date               | 09/2015                  |
| Comments                    | CHIP regulations removed |
| Replaces Document Generated | 04/2013                  |

### HAZARD STATEMENTS IN FULL

|      |   |
|------|---|
| H225 | Highly Flammable liquid and vapour  |
| H302 | Harmful if swallowed  |
| H303 | May be harmful if swallowed   |
| H311 | Toxic in contact with skin  |
| H314 | Causes severe skin burns and eye damage                                   |
| H316 | Causes mild skin irritation   |
| H317 | May cause an allergic skin reaction                                       |
| H320 | Causes eye irritation   |
| H331 | Toxic if inhaled  |
| H332 | Harmful if inhaled  |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H341 | Suspected of causing genetic defects                                      |
| H351 | Suspected of causing cancer   |
| H370 | Causes damage to organs   |
| H373 | Causes damage to organs through prolonged or repeated exposure            |