


# Material Safety Data Sheet

| Section1. Product Information and Company Identification |   |               |          |
|--|---|---------------|----------|
| <b>Product name</b>                                      | Crystal Violet  |               |          |
| <b>Mol.formula</b>                                       | C25H30CIN3  | <b>Cas no</b> | 548-62-9 |
| <b>Mol.wt</b>  | 407,98 g/mol  | <b>Cat no</b> | C059     |
| <b>Manufacture name</b>                                  | Pioneers for laboratory chemicals                                   |               |          |
| <b>Brand name</b>  | Piochem   |               |          |
| <b>Address</b>   | Area 540, Industrial Zone 6 <sup>th</sup> October city Giza, Egypt. |               |          |
| <b>Website</b>   | www.piochem.com   |               |          |
| <b>E-mail</b>  | info@piochem.com  |               |          |
| <b>Phone number</b>                                      | +201225728304 , +201023932115                                       |               |          |

| Section 2.Hazards Identification  |   |
|---|---|
| <p><b>Classification of the substance or mixture</b><br/> <b>Classification according to Regulation (EC) No 1272/2008</b><br/>           Flammable liquids (Category 3), H226<br/>           Eye irritation (Category 2), H319<br/>           Carcinogenicity (Category 2), H351<br/>           Chronic aquatic toxicity (Category 2), H411</p> |   |
| <p><b>Label elements</b><br/> <b>Labelling according Regulation (EC) No 1272/2008</b></p>   |   |
| Pictogram   |  |
| Signal word   | Warning   |
| <p>Hazard statement(s)</p> <p>H226 Flammable liquid and vapour.<br/>           H319 Causes serious eye irritation.<br/>           H351 Suspected of causing cancer.<br/>           H411 Toxic to aquatic life with long lasting effects.</p>  |   |
| <p><b>Precautionary statement(s)</b></p> <p>P273 Avoid release to the environment.<br/>           P281 Use personal protective equipment as required.<br/>           P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.<br/>           Remove contact lenses, if present and easy to do. Continue rinsing.</p>     |   |
| Supplemental Hazard   | none  |



## Statements

### Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## Section 3. First Aid Measures

### Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling.

#### Indication of any immediate medical attention and special treatment needed

No data available.

## Section 4. Fire Fighting Measures

### Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Hydrogen chloride gas.

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

Use water spray to cool unopened containers.



## Section 5. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

## Section 6. Handling and Storage

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

### Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Light sensitive.

### Specific end use(s)

Apart from the uses mentioned in other specific uses are stipulated.

## Section 7. Additional Information

### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

