

# Material Safety Data Sheet



**CARBOL FUCHSIN POWDER**

**VERSION : 02**

**DATE OF ISSUE : 26-08-2019**

**SUPERSEDES : 01**

**Product Code :13400**

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## **1. Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

**Trade name :** CARBOL FUCHSIN POWDER

**Product code :** 13400

**Identification of the product :** CARBOL FUCHSIN POWDER

**CAS No :** 4197-24-4

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use :** Industrial. For professional use only.

### **1.3. Details of the supplier of the safety data sheet**

**Company identification :** MOLYCHEM

**Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA) Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.

**Email :** [info@molychem.net](mailto:info@molychem.net)

**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503.

### **1.4. Emergency telephone number**

**Emergency number :** +91 22 4066 8111 (10:00am - 6:00 pm)

## **2. Hazards identification**

### **2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Acute toxicity (oral), H302

Category 4

Acute toxicity (inhal.), H332

Category 4

Skin corrosion/irritation, H314

Category 1

Germ cell mutagenicity, H341

Category 2

Carcinogenicity, H350

Category 1A

Specific target organ toxicity — Repeated exposure, H373

Category 2

**Classification according to Directive 67/548/EEC or 1999/45/EC**

**Adverse physicochemical, human health and environmental effects**

No additional information available

### **2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display**  
**Extra classification(s) to display**

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**Symbol(s) : T : Very toxic**



**R Phrase(s) : R45: May cause cancer.**

R34: Cause burns.

R24/25: Toxic in contact with skin and if swallowed.

**S Phrase(s) : S26: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advise.**

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53: Avoid exposure – obtain special instruction before use.

S36/37/39 : Wear suitable protective clothing and gloves & eye/face protecting.

## **Hazard pictograms**



**Signal word : Danger**

**Hazard statements : H302+H332 - Harmful if swallowed or if inhaled**

H314 - Causes severe skin burns and eye damage

H341 - Suspected of causing genetic defects

H350 - May cause cancer

H373 - May cause damage to organs through prolonged or repeated exposure

**Precautionary statements : P201 - Obtain special instructions before use**

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 doctor

## **2.3. Other hazards**

No additional information available

## **3. Composition/information on ingredients**

**3.1. Substance : CARBOL FUCHSIN POWDER**

CAS No : 4197-24-4

Substance.

Contains no other components or impurities which will influence the classification of the product.

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## **4. First aid measures**

### **4.1. Description of first aid measures**

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/physician.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get immediate medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

### **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries : Causes severe skin burns and eye damage. May cause damage to organs. Causes damage to organs.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.

Symptoms/injuries after ingestion : Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## **5 . Firefighting measures**

### **5.1. Extinguishing media**

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

### **5.2. Special hazards arising from the substance or mixture**

No additional information available

### **5.3. Advice for firefighters**

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

#### **6.1.2. For emergency responders**

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Ventilate area.

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## **6.2. Environmental precautions**

Avoid release to the environment.

## **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

## **6.4. Reference to other sections**

No additional information available

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### **7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions : Store in a well-ventilated place. Keep container tightly closed.

### **7.3. Specific end use(s)**

No additional information available

## **8. Exposure controls/personal protection**

### **8.1. Control parameters**

No additional information available

### **8.2. Exposure controls**

Hand protection : Protective gloves

Eye protection : Chemical goggles or face shield

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

**Odour threshold** : No data available

**pH** : No data available

**Relative evaporation rate (butylacetate=1)** : No data available

**Melting point** : No data available

**Freezing point** : No data available

**Boiling point** : No data available

**Flash point** : No data available

**Auto-ignition temperature** : No data available

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**Decomposition temperature** : No data available

**Flammability (solid, gas)** : No data available

**Vapour pressure** : 0.2 mm Hg at 20°C

**Relative vapour density at 20 °C** : 3.24

**Relative density** : No data available

**Density** : 1.1 g/cm<sup>3</sup>

**Solubility** : Water: Very soluble

**Log Pow** : No data available

**Viscosity, kinematic** : No data available

**Viscosity, dynamic** : No data available

**Explosive properties** : No data available

**Oxidising properties** : No data available

**Explosive limits** : No data available

## **9.2. Other information**

No additional information available

## **10. Stability and reactivity**

### **10.1. Reactivity**

Thermal decomposition generates : Corrosive vapours.

### **10.2. Chemical stability**

Stable under normal conditions.

### **10.3. Possibility of hazardous reactions**

No additional information available

### **10.4. Conditions to avoid**

Moisture.

### **10.5. Incompatible materials**

No additional information available

### **10.6. Hazardous decomposition products**

Thermal decomposition generates : Corrosive vapours.

## **11. Toxicological information**

### **11.1. Information on toxicological effects**

Acute toxicity : Oral: Harmful if swallowed. Inhalation: Harmful if inhaled.

Skin corrosion/irritation : Causes severe skin burns and eye damage.

Serious eye damage/irritation : Serious eye damage, category 1, implicit

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Suspected of causing genetic defects.

Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classified

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Specific target organ toxicity (single exposure) : Not classified  
Specific target organ toxicity (repeated exposure) : May cause damage to organs through prolonged or repeated exposure.  
Aspiration hazard : Not classified  
Potential adverse human health effects and symptoms : Toxic if swallowed. Toxic in contact with skin.

## **12. Ecological information**

### **12.1. Toxicity**

No additional information available

### **12.2. Persistence and degradability**

No additional information available

### **12.3. Bioaccumulative potential**

No additional information available

### **12.4. Mobility in soil**

No additional information available

### **12.5. Results of PBT and vPvB assessment**

No additional information available

### **12.6. Other adverse effects**

No additional information available

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

Product/Packaging disposal

Recommendations : Dispose of contents/container to ...

Ecology - waste materials : Hazardous waste due to toxicity.

## **14. Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

### **14.1. UN number**

UN-No. (ADR) : 2923

UN-No. (IMDG) : 2923

UN-No.(IATA) : 2923

UN-No.(ADN) : 2923

UN-No. (RID) : 2923

### **14.2. UN proper shipping name**

Proper Shipping Name (ADR) : CORROSIVE SOLID, TOXIC, N.O.S.

Proper Shipping Name (IMDG) : CORROSIVE SOLID, TOXIC, N.O.S.

Proper Shipping Name (IATA) : CORROSIVE SOLID, TOXIC, N.O.S.

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Proper Shipping Name (ADN) : CORROSIVE SOLID, TOXIC, N.O.S.

Proper Shipping Name (RID) : CORROSIVE SOLID, TOXIC, N.O.S.

Transport document description (ADR) : UN 2923 CORROSIVE SOLID, TOXIC, N.O.S., 8 (6.1), II, (E)

Transport document description (IMDG) : UN 2923 CORROSIVE SOLID, TOXIC, N.O.S., 8 (6.1), II

Transport document description (IATA) : UN 2923 CORROSIVE SOLID, TOXIC, N.O.S., 8 (6.1), II

Transport document description (ADN) : UN 2923 CORROSIVE SOLID, TOXIC, N.O.S., 8 (6.1), II

Transport document description (RID) : UN 2923 CORROSIVE SOLID, TOXIC, N.O.S., 8 (6.1), II

## **14.3. Transport hazard class(es)**

**ADR-** Transport hazard class(es) (ADR) : 8 (6.1)

Danger labels (ADR) : 8, 6.1

**IMDG-** Transport hazard class(es) (IMDG) : 8 (6.1)

Danger labels (IMDG) : 8, 6.1

**IATA-** Transport hazard class(es) (IATA) : 8 (6.1)

Hazard labels (IATA) : 8, 6.1

**ADN-** Transport hazard class(es) (ADN) : 8 (6.1)

Danger labels (ADN) : 8, 6.1

**RID-** Transport hazard class(es) (RID) : 8 (6.1)

Danger labels (RID) : 8, 6.1

## **14.4. Packing group**

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

Packing group (ADN) : II

Packing group (RID) : II

## **14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

## **14.6. Special precautions for user**

**Overland transport-** Classification code (ADR) : CT2

Special provision (ADR) : 274

Limited quantities (ADR) : 1kg

Excepted quantities (ADR) : E2

Packing instructions (ADR) : P002, IBC08

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Special packing provisions (ADR) : B4  
Mixed packing provisions (ADR) : MP10  
Portable tank and bulk container instructions (ADR) : T3  
Portable tank and bulk container special provisions (ADR) : TP33  
Tank code (ADR) : SGAN, L4BN  
Vehicle for tank carriage : AT  
Transport category (ADR) : 2  
Special provisions for carriage – Packages (ADR) : V11  
Special provisions for carriage - Loading,  
unloading and handling (ADR) : CV13, CV28  
Hazard identification number (Kemler No.) : 86  
Orange plates :  
Tunnel restriction code (ADR) : E  
EAC code : 2X  
**Transport by sea-** Special provision (IMDG) : 274  
Limited quantities (IMDG) : 1 kg  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P002  
IBC packing instructions (IMDG) : IBC08  
IBC special provisions (IMDG) : B2, B4  
Tank instructions (IMDG) : T3  
Tank special provisions (IMDG) : TP33  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage category (IMDG) : B  
Stowage and handling (IMDG) : SW2  
**Air transport-** PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y844  
PCA limited quantity max net quantity (IATA) : 5kg  
PCA packing instructions (IATA) : 859  
PCA max net quantity (IATA) : 15kg  
CAO packing instructions (IATA) : 863  
CAO max net quantity (IATA) : 50kg  
Special provision (IATA) : A3  
ERG code (IATA) : 8P  
**Inland waterway transport-** Classification code (ADN) : CT2  
Special provisions (ADN) : 274, 802  
Limited quantities (ADN) : 1 kg  
Excepted quantities (ADN) : E2

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Equipment required (ADN) : PP, EP

Number of blue cones/lights (ADN) : 2

**Rail transport-** Classification code (RID) : CT2

Special provision (RID) : 274

Limited quantities (RID) : 1kg

Excepted quantities (RID) : E2

Packing instructions (RID) : P002, IBC08

Special packing provisions (RID) : B4

Mixed packing provisions (RID) : MP10

Portable tank and bulk container instructions (RID) : T3

Portable tank and bulk container special provisions (RID) : TP33

Tank codes for RID tanks (RID) : SGAN, L4BN

Transport category (RID) : 2

Special provisions for carriage – Packages (RID) : W11

Special provisions for carriage – Loading and unloading (RID) : CW13, CW28

Colis express (express parcels) (RID) : CE10

Hazard identification number (RID) : 86

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## **15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

### **15.1.1. EU-Regulations**

No REACH Annex XVII restrictions

CARBOL FUCHSIN POWDER is not on the REACH Candidate List

CARBOL FUCHSIN POWDER is not on the REACH Annex XIV List

### **15.1.2. National regulations**

#### **Germany**

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

#### **Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

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## 15.2. Chemical safety assessment

No additional information available

## 16. Other information

**Abbreviations and acronyms :** PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

**Sources of key data used :** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information :** None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008 **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

## End of document

**Prepared by: MOLYCHEM (INDIA)**

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