



# UNISOURCE CHEMICALS PRIVATE LIMITED

Factory : L-15 MIDC TARAPUR, BOISAR - 401506 DIST. THANE

Tel.: 2205 2250; 2205 0713; Fax: ++91-22-22019990 ;

E-mail: unisourceindia@gmail.com; Web: www.ucplchem.com

## NEW FUCHSIN

### Material Safety Data Sheet

#### **1. PRODUCT IDENTIFICATION:**

CAS-No.: 3248-91-7

**Molecular Weight:** 365.91 g/mol

Formula Hill: C<sub>22</sub>H<sub>24</sub>ClN<sub>3</sub>

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#### **2. COMPOSITION / INFORMATION ON INGREDIENTS:**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
New Fushin	3248-91-7		

#### **3. HAZARDS IDENTIFICATION:**

May cause cancer.

Restricted to professional users. Attention -

Avoid exposure - obtain special instructions before use.

#### **4. FIRST AID MEASURES:**

**After inhalation:** fresh air. Call in physician.

**After skin contact:** wash off with plenty of water. Remove contaminated clothing. Call in physician.

**After eye contact:** rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if necessary.

**After swallowing:** immediately make victim drink plenty of water. Call in physician.

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#### **5. FIRE FIGHTING MEASURES:**

Suitable extinguishing media:

**Water, CO<sub>2</sub>, foam, powder. Special risks:**

Combustible. Formation of hazardous combustion gases or vapours possible in event of fire. The following may develop in event of fire: nitrogen oxides, hydrochloric acid.

#### **Special protective equipment for fire fighting:**

Do not stay in dangerous zone without self-contained breathing apparatus. In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

### **Other information:**

Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

### **6. ACCIDENTAL RELEASE MEASURES:**

#### **Person-related precautionary measures:**

Avoid inhalation of dusts. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

**Environmental-protection measures:** Do not allow to enter sewerage system.

**Procedures for cleaning / absorption:** Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

### **7. HANDLING AND STORAGE:**

**Handling:** No further requirements

**Storage:** Tightly closed in a well-ventilated place. Accessible only for authorised persons. Dry. At +5°C to +30°C.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION:**

#### **Personal protective equipment:**

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: required when dusts are generated. Filter P 3 (acc. to DIN 3181) for solid and liquid particles of toxic and very toxic substances.

#### **Other protective equipment:**

##### **Industrial hygiene:**

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance. Under no circumstances eat or drink at workplace. Work under hood . Do not inhale substance.

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

<b>Form</b>	:	solid
<b>Colour</b>	:	green
<b>Odour</b>	:	odourless
<b>value at</b>	:	10 g/l H <sub>2</sub> O (20 °C) ~ 3-4
<b>pH Melting point</b>	:	not available
<b>Boiling point</b>	:	not available
<b>Ignition temperature:</b>	:	not available
<b>Flash point</b>	:	not available
<b>Explosion limits lower:</b>	:	not available
<b>Upper</b>	:	not available
<b>Density</b>	:	not available
<b>Bulk density</b>	:	~ 450 kg/m <sup>3</sup>
<b>Solubility in</b>	:	water (25 °C) ~ 10 g/l
<b>log Pow</b>	:	1.54 (calculated) (calculated on free base)

## **10. STABILITY AND REACTIVITY:**

Conditions to be avoided no information available

Substances to be avoided

Violent reactions possible with: strong oxidizing agents.

Hazardous decomposition products

### **Further information:**

The following applies in general to flammable organic substances and preparations: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

## **11. TOXICOLOGICAL INFORMATION:**

**Acute toxicity** Quantitative data on the toxicity of this product are not available.

**Subacute to chronic toxicity** Animal experiments performed under conditions comparable with the workplace situation have shown the substance to be carcinogenic.

### **Further toxicological information:**

**After inhalation:** Irritations of the mucous membranes, coughing, and dyspnoea.

**After skin contact:** Slight irritations.

**After eye contact:** Slight irritations.

### **Other notes:**

The following applies to aromatic amines in general: systemic effect: methaemoglobinaemia with headache, cardiac dysrhythmia, drop in blood pressure, dyspnoea, and spasms, principal symptom: cyanosis (blue discoloration of the blood).

## **12. ECOLOGICAL INFORMATION:**

Behavior in environmental compartments:

Distribution: log Pow: 1.54 (calculated) (calculated on the free base).

No appreciable bioaccumulation potential is to be expected (log Pow 1-3).

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available.

Further ecologic data: Do not allow to enter waters, waste water, or soil!

## **13. DISPOSAL CONSIDERATIONS:**

### **Product:**

Chemicals must be disposed of in compliance with the respective national regulations. Under [www.retrologistik.de](http://www.retrologistik.de) you will find country- and substance-specific information as well as contact partners.

### **Packaging:**

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under [www.retrologistik.de](http://www.retrologistik.de) you will find special information on the respective national conditions as well as contact partners.

## **14. TRANSPORT REGULATIONS:**

Not subject to transport regulations.

## **15. REGULATORY INFORMATION :**

Labelling according to EC Directives

Symbol: T Toxic

R-phrases: 45 May cause cancer.

S-phrases: 53-37-45 Avoid exposure - obtain special instructions before use. Wear suitable gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**16. DISCLAIMER INFORMATION:**

**DISCLAIMER:**

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