

# Material Safety Data Sheet



**8-HYDROXYQUINOLINE (OXINE)**

**VERSION : 02**

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

**SUPERSEDES : 01**

**Product Code : 14960**

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

### **1.1. Product identifier**

**Trade name :** 8-HYDROXYQUINOLINE (OXINE)

**Product code :** 14960

**Identification of the product :** 8-Hydroxyquinoline (Oxine)

**CAS No :** 148- 24- 3

### **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 (inhal.),

Category 4                H332

Acute toxicity (oral),

Category 4                H302

Full text of classification categories and H statements : see section 16

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

Xn; R20/22

Full text of R-phrases: see section 16

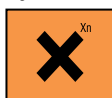
**Adverse physicochemical, human health and environmental effects**

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**

**Symbol(s) :** Xn : Harmful



**R Phrase(s) :** R20/22 :Harmful by inhalation and if swallowed.

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**S Phrase(s) : 24/25 : Avoid contact with skin and eyes.**

**Hazard pictograms**



**Signal word : Warning**

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

**Precautionary statements : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray**

**P264 - Wash ... thoroughly after handling**

**P270 - Do not eat, drink or smoke when using this product**

**P271 - Use only outdoors or in a well-ventilated area**

**P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell**

**P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing**

**P312 - Call a POISON CENTER/doctor/... if you feel unwell**

**P330 - Rinse mouth**

**P501 - Dispose of contents/container to ...**

## **2.3. Other hazards**

No additional information available

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

### **3.1. Substance : 8-HYDROXYQUINOLINE**

CAS No : 148-24-3

Substance.

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

## **4. First aid measures**

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

First-aid measures after inhalation : Give oxygen or artificial respiration if necessary.

First-aid measures after skin contact : Gently wash with plenty of soap and water.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do.

Continue rinsing. Rinse cautiously with water for several minutes.

First-aid measures after ingestion : Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

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

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

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

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Suitable extinguishing media : Water spray.

Unsuitable extinguishing media : dry chemical powder.

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

No additional information available

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

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## **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**

No additional information available

### **6.2. Environmental precautions**

Avoid release to the environment.

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

Methods for cleaning up : Clear up rapidly by scoop or vacuum.

### **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.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash ... thoroughly after handling.

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

Storage conditions : Store in original container. Keep container tightly closed. Store in a dry place.

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

No additional information available

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

### **8.1. Control parameters**

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No additional information available

## **8.2. Exposure controls**

Hand protection : protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear respiratory protection

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

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

**pH** : No data available

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

**Melting point** : 72 - 74

**Freezing point** : No data available

**Boiling point** : 267 °C

**Flash point** : No data available

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

**Decomposition temperature** : No data available

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

**Vapour pressure** : 0.00221 hPa at 20 °C

**Relative vapour density at 20 °C** : No data available

**Relative density** : No data available

**Solubility** : Water: Insoluble in water

**Log Pow** : 2.02

**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**

No additional information available

### **10.2. Chemical stability**

Stable under normal conditions.

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

No additional information available

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

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Direct sunlight. Air contact. Moisture.

## **10.5. Incompatible materials**

No additional information available

## **10.6. Hazardous decomposition products**

No additional information available

## **11. Toxicological information**

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

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

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : Harmful if swallowed.

## **12. Ecological information**

### **12.1. Toxicity**

No additional information available

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

No additional information available

### **12.3. Bioaccumulative potential**

Log Pow 2.02

### **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 ...

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## **14. Transport information**

**14.1 UN number ADR/RID: 2811 IMDG: 2811 IATA: 2811**

**14.2 UN proper shipping name ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (8-Hydroxyquinoline)**

**IMDG: TOXIC SOLID, ORGANIC, N.O.S. (8-Hydroxyquinoline)**

**IATA: Toxic solid, organic, n.o.s. (8-Hydroxyquinoline)**

**14.3 Transport hazard class(es) ADR/RID: 6.1 IMDG: 6.1 IATA: 6.1**

**14.4 Packaging group ADR/RID: III IMDG: III IATA: III**

## **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

8-HYDROXYQUINOLINE is not on the REACH Candidate List

8-HYDROXYQUINOLINE 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

### **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.

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**End of document**

**Prepared by: MOLYCHEM (INDIA)**

**For questions contact: MOLYCHEM**

**Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)**

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