

# SAFETY DATA SHEET

IQChem Inc.

According to Regulation (EC) No 1907 / 2006 (REACH)

Trade name: **IQC Ink WBF Red 81**

Revision Date: 11.01.2011 **Version : 1.02 / EN**

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

### **1.1 Product identifier**

**IQC Ink WBF Red 81**

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

### **1.3 Detail of the supplier of the safety data sheet**

#### **IQChem Inc.**

Benkenstrasse 254  
CH-4108 Witterswil

Tel: +41 61 721 95 40

Fax: +41 61 721 95 41

E-mail: [info@iqchem.com](mailto:info@iqchem.com)

#### **E-Mail competent person**

[info@hdcc-hh.de](mailto:info@hdcc-hh.de)

### **1.4 Emergency telephone number**

0041-44-251 51 51 (short number for Switzerland: Tel. 145)

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## **02. Hazards identification**

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

This substance is not classified as dangerous according to European Union legislation.

### **2.2 Label elements**

This substance is not classified as dangerous according to European Union legislation.

### **2.3 Other hazards**

None.

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

### **3.1 Substances**

#### **Chemical characterization**

C.I. Pigment Red 81

CAS No. : 12224-98-5

EC No. : 235-424-7

Chemical Class : Xanthene

Ingredient Name : Xanthylum, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, molybdatetungstatephosphate

Proportion : 60-100%

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## **04. First aid measures**

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

#### **After inhalation:**

Provide fresh air.

Consult physician if problems arise.

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## **After skin contact:**

Remove contaminated, saturated clothing immediately.  
Wash immediately with: water and soap.

## **After eye contact:**

In case of contact with eyes, rinse immediately thoroughly with plenty of water and consult an ophthalmologist.

## **After ingestion:**

Rinse mouth thoroughly with water.  
Consult a physician.

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

Not specified.

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

Not specified.

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## **05. Firefighting measures**

### **5.1 Extinguishing media**

Suitable: Water spray jet, Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.  
Not suitable: Not specified.

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

In case of fire or at high temperatures the formation of the following decomposition products is possible:  
Carbon monoxide, Carbon dioxide, Nitrogen oxides (NO<sub>x</sub>).

### **5.3 Advice for firefighters**

contaminated firefighting water must not be discharged into the drainage system.

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## **06. Accidental release measures**

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

Wear personal protection equipment.  
Avoid contact with skin and eyes.

### **6.2 Environmental precautions**

Do not allow to enter drains/surface water/ground water.

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

Take up mechanically, placing in appropriate containers for disposal.

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

None.

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## **07. Handling and storage**

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

Avoid: generation of dust.  
Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

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

#### **Storage**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

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## Precautions against fire and explosion

Keep away from: Heating.  
Keep away from: Sources of ignition.  
No smoking.

## 7.3 Specific and use(s)

Not specified.

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## 08. Exposure controls / personal protection

### 8.1 Control parameters

Not specified.

### 8.2 Exposure controls

Not specified.

### Personal protection

#### Respiratory protection

Filtering mask P.

#### Eye protection

Eye glasses with side protection type 4 (DIN EN 166).

#### Protective clothing

Working clothes protecting the whole body.

#### Hand protection

Chemicals resistant gloves (EN 374).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of glove material on consideration of the penetration times, rates of diffusion and the degradation.  
After use of gloves apply skin-cleaning agents and skin cosmetics.

For solids:

Butyl caoutchouc (butyl rubber)

NBR (nitrile rubber)

CR (polychloroprene, chloroprene rubber)

FKM (fluoro rubber)

Penetration time: The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Environmental precautions

See 6.2

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## 09. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state:** Powder  
**Colour:** Bluish Red  
**Odour:** None

**Explosion hazard:** Product is not explosive. However, formation of explosive air/dust mixtures is possible.

**Lower Explosion limits:** Not determined.  
**Upper Explosion limits:** Not determined.  
**Flash point:** Not applicable.  
**Vapour pressure:** Not applicable.  
**Vapour density:** Not applicable.  
**Density:** Not determined.

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<b>Viscosity, dynamic:</b>	Not applicable.
<b>pH:</b>	Not applicable.
<b>Boiling point/range:</b>	Not determined.
<b>Melting point/range:</b>	Not determined.
<b>Ignition temperature:</b>	Not determined.
<b>Flammability:</b>	Not determined.
<b>Partition coefficient n-Octanol/Water:</b>	Not applicable.
<b>Solubility:</b>	Insoluble in water, methanol and ethyl acetate.

## 9.2 Other information

None.

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## 10. Stability and reactivity

### 10.1 Reactivity

Not specified.

### 10.2 Chemical stability

Not specified.

### 10.3 Possibility of hazardous reactions

Not specified.

### 10.4 Condition to avoid

Not specified.

### 10.5 Incompatible materials

Not specified.

### 10.6 Hazardous decomposition products

In case of fire or at high temperatures the formation of the following decomposition products is possible:  
Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx).

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## 11. Toxicological information

### 11.1 Information on toxicological effects

Based on data from similar products it is not expected to be toxic.

#### Acute toxicity

Not specified.

#### Skin corrosion/irritation

Not specified.

#### Serious eye damage/irritation

Not specified.

#### Respiratory or skin sensitisation

Not specified.

#### Germ cell mutagenicity

Not specified.

#### Carcinogenicity

Not specified.

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## **Reproductive toxicity**

Not specified.

## **STOT-single exposure**

Not specified.

## **STOT-repeated exposure**

Not specified.

## **Aspiration hazard**

Not specified.

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## **12. Ecological information**

### **12.1 Toxicity**

Not specified.

### **12.2 Persistence and degradability**

Not applicable, insoluble in water.

### **12.3 Bioaccumulative potential**

Not specified.

### **12.4 Mobility in soil**

Not specified.

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

No data available.

### **12.6 Other adverse effects**

Insoluble in water. Based on data from similar products it is not expected to pose a hazard to the environment.

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## **13. Disposal considerations**

### **13.1 Waste treatment methods**

#### **Products**

Dispose of waste according to applicable local, state and federal regulations.

The EWC number is determined mainly by the use of the product. Unused quantities can be disposed of under 16 05 09.

#### **Packaging**

##### **Uncleaned packagings**

Disposal according to instructions of local authorities.

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## **14. Transport information**

### **14.1 UN number**

No dangerous good in sense of the transport regulation.

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

No dangerous good in sense of the transport regulation.

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

No dangerous good in sense of the transport regulation.

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## 14.4 Packing group

No dangerous good in sense of the transport regulation.

## 14.6 Special precautions for user

See chapter 6-8.

## 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No dangerous good in sense of the transport regulation.

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## 15. Regulatory information

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

#### GHS-Labeling

Not a dangerous substance according to GHS.

#### Labelling according to EC Directives

The product does not need to be labelled in accordance with EC directives or respective national.

#### Restriction according Annex VIII (EC) No 1907/2006:

None.

#### National regulations

##### In Germany:

##### TA luft:

The components are not subject to the TA Luft.

##### StörfallIV:

This product is not subject to the StörfallIV acc. To annex I.

##### In Switzerland:

##### StörfallIV:

This product is not subject to the StörfallIV.

### 15.2 Chemical safety assessment

The substance/mixture was not subject to chemical safety assessment.

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## 16. Other information

### Further information

This safety data sheet assumes high professional standards when handling chemicals. Whenever there is no particular recommendation in this safety data sheet, these high professional standards have to be applied. All information refers to the original product as supplied and is based on our current knowledge.

This safety data sheet is no guarantee of any product properties and does not establish any legal relationship.

### Alterations/supplements

Alterations to the previous edition are marked in the left-hand margin.

### Department issuing MSDS

HDDC-Hamburg Distribution & Chemical Consulting UG (haftungsbeschränkt), Marckmannstr. 126, D-20539 Hamburg

Tel.: +49-40-525 90 029 Fax: +49-40-525 90 624

Contact: Dr. Sonja Schörshusen.

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