

# SAFETY DATA SHEET

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## SECTION 1. IDENTIFICATION

**Product Identifier:** 8-Dimethylamino-2,3-benzophenoxazine Hemi(zinc Chloride) Salt

**Product Code:** ZN-OMX-01-P

**CAS Number:** 7057-57-0

**Relevant identified uses of the substance:** Scientific research and development

Supplier details:

American Elements  
10884 Weyburn Ave.  
Los Angeles, CA 90024  
Tel: +1 310-208-0551  
Fax: +1 310-208-0351  
Emergency telephone number:  
+1 800-424-9300

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## SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP

This product has no classification under CLP.

2.2 Label elements

Label elements under CLP

This product has no label elements.

2.3 Other hazards

PBT

This substance is not identified as a PBT substance.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product name : Meldola's blue

MW: 378.92

CAS number : 7057-57-0

MF : C<sub>18</sub>H<sub>15</sub>ClN<sub>2</sub>O · 0.5[Cl<sub>2</sub>Zn]

EINECS : 230-338-6

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## **SECTION 4. FIRST AID MEASURES**

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

#### **Skin contact**

Wash immediately with plenty of soap and water.

#### **Eye contact**

Bathe the eye with running water for 15 minutes.

#### **Ingestion**

Wash out mouth with water.

#### **Inhalation**

Consult a doctor.

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

#### **Skin contact**

There may be mild irritation at the site of contact.

#### **Eye contact**

There may be irritation and redness.

#### **Ingestion**

There may be irritation of the throat.

#### **Inhalation**

There may be irritation of the throat with a feeling of tightness in the chest.

#### **Delayed / immediate effects**

Immediate effects can be expected after short-term exposure.

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

#### **Immediate / special treatment**

Not applicable.

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## **SECTION 5. FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

Suitable extinguishing media for the surrounding fire should be used.

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

#### **Exposure hazards**

In combustion emits toxic fumes.

### **5.3 Advice for fire-fighters**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

#### **Personal precautions**

Refer to section 8 of SDS for personal protection details.

### **6.2 Environmental precautions**

Do not discharge into drains or rivers.

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

#### **Clean-up procedures**

Wash the spillage site with large amounts of water.

### **6.3 Reference to other sections**

Refer to section 8 of SDS.

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## **SECTION 7. HANDLING AND STORAGE**

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

Handling requirements

Avoid the formation or spread of dust in the air.

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

Storage conditions

Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.

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

No data available.

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

Control parameters

Workplace exposure limits

Not applicable.

### **8.2 Exposure controls**

Engineering measures

Not applicable.

Respiratory protection

Respiratory protective device with particle filter.

Hand protection

Protective gloves.

Eye protection

Safety glasses. Ensure eye bath is to hand.

Skin protection

Protective clothing.

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

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

Physical Form: Powder

Colour: Black

Melting Point: 3280 [°C]

### **9.2 Other information**

Not applicable.

### **10.1 Reactivity**

Stable under recommended transport or storage conditions.

### **10.2 Chemical stability**

Stable under normal conditions.

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

Hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### **10.4 Conditions to avoid**

Heat.

### **10.5 Incompatible materials**

Materials to avoid

Strong acids. Strong oxidising agents.

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## **SECTION 10. STABILITY AND REACTIVITY**

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to avoid

Heat.

### 10.5 Incompatible materials

Materials to avoid

Strong acids. Strong oxidising agents.

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

Information on toxicological effects

Toxicity values

Not applicable.

### 11.2 Information on toxicological effects

Skin contact

There may be mild irritation at the site of contact.

Eye contact

There may be irritation and redness.

Ingestion

There may be irritation of the throat.

Inhalation

There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

Other information

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## **SECTION 12. ECOLOGICAL INFORMATION**

### 12.1 Toxicity

Not applicable.

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

### 12.6 Other adverse effects

Negligible ecotoxicity.

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

#### **Disposal operations**

Transfer to a suitable container and arrange for collection by specialised disposal company.

#### **NB**

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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## **SECTION 14. TRANSPORT INFORMATION**

This product does not require a classification for transport.

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## **SECTION 15. REGULATORY INFORMATION**

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

Not applicable.

#### **Chemical Safety Assessment**

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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## **16. OTHER INFORMATION**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). 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. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.