

## **MATERIAL SAFETY DATA SHEET**

**ORACET BLUE B**

**CAS NO. : 12769-16-3**

### **Section 1: Chemical Product and Company Identification**

**Section 1: Chemical Product**

**Product Name: ORACET BLUE B**

**CAS#: 12769-16-3**

**C.I. No.: Not available.**

**Synonym: Not available.**

**Chemical Name: ORACET BLUE B**

**Chemical Formula: C<sub>21</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>**

**Brand: OXFORD**

**Details Of The Supplier Of The Safety Data Sheet:**

**Company identification: OXFORD LAB FINE CHEM LLP**  
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,  
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### **Section 2: Composition and Information on Ingredients**

**Substances**

**Formula: C<sub>21</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>**

**Molecular weight: 328.37 g/mol**

**CAS-No.: 12769-16-3**

## Section 3: Hazards Identification

### Classification of the substance or mixture:

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008  
This substance is not classified as dangerous according to Directive 67/548/EEC

Other hazards: None.

## Section 4: First Aid Measures

### Description of first aid measures

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact:** Wash off with soap and plenty of water.

**In case of eye contact:** Flush eyes with water as a precaution.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Indication of immediate medical attention and special treatment needed :** no data available

## Section 5: Fire and Explosion Data

### Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Carbon oxides, nitrogen oxides (NO<sub>x</sub>)

#### Advice for firefighters

Wear self contained breathing apparatus for fire-fighting if necessary.

#### Further information

No data available.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**  
Avoid breathing vapours, mist or gas. Avoid dust formation.

**Environmental precautions**  
Do not let product enter drains.

**Methods and materials for containment and cleaning up**  
Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

**Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

## Section 8: Exposure Controls/Personal Protection

**Control parameters**

**Components with workplace control parameters**

**Exposure controls :**

**Appropriate engineering controls :** General industrial hygiene practice.

**Personal protective equipment :**

**Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

## Section 8: Exposure Controls/Personal Protection

**Body Protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

a) Appearance Form	: powder Colour: dark blue
b) Odour	: No data available.
c) Odour threshold	: No data available.
d) pH	: No data available.
e) Melting point/range	: No data available.
f) Initial boiling point and boiling range	: No data available.
g) Autoignition temperature	: No data available.
h) Flammability (solid, gas)	: No data available.
i) Upper/lower flammability or explosive limits	: No data available.
j) Flash point [°C]	: No data available.
k) Evaporation rate	: No data available.
l) Vapour pressure	: No data available.
m) Vapour density	: No data available.
n) Relative density,	: No data available.
o) Solubility in water	: No data available.
p) Viscosity	: No data available.
q) Explosive properties	: No data available.
r) Oxidising properties	: No data available.
s) Decomposition temperature	: No data available.
t) Autoignition temperature	: No data available.
u) Molecular Weight	: No data available.

## Section 10: Stability and Reactivity Data

**Reactivity :** No data available.

**Chemical stability :** No data available.

**Possibility of hazardous reactions :** No data available.

**Conditions to avoid :** No data available.

**Incompatible materials :** Strong oxidizing agents.

**Hazardous decomposition products**

**Other decomposition products -**No data available.

**Other decomposition products-**No data available.

## Section 11: Toxicological Information

**Information on toxicological effects**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Potential health effects Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

## Section 11: Toxicological Information (Continued)

**Ingestion:** May be harmful if swallowed.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

**Additional Information RTECS:** Not available

## Section 12: Ecological Information

**Toxicity:** No data available.

**Persistence - degradability :** No data available.

**Bioaccumulative potential :** No data available.

**Mobility in soil :** Not established.

**Results of PBT and vPvB assessment :** No data available.

**Other adverse effects :** No data available.

## Section 13: Disposal Considerations

### Waste treatment methods

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

## Section 14: Transport Information

### Land transport (ADR-RID)

**General information :** Not regulated.

### Sea transport (IMDG) [English only]

**General information :** Not regulated.

### Air transport (ICAO-IATA) [English only]

**General information :** Not regulated.

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## **Section 15: Other Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

## **Section 16 - Additional Information**

**References:** Not available.

**Other Special Considerations:** Not available.

### ***Disclaimer:***

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