



# Material Safety Data Sheet

Wash off with soap and plenty of water. Consult a physician.

**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. Consult a physician.

**5. Fire-fighting measures**

**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>), Hydrogen chloride gas

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**6. Accidental release measures**

**Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7. Handling and storage**

**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage**

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

**8. Exposure controls/personal protection**

**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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**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**



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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).

### **Control of environmental exposure**

Do not let product enter drains. Discharge into the environment must be avoided.

## 9. Physical and chemical properties

**Form:** crystals

**Colour:** dark green

**Odour:** not available

**pH value:** not available

**Melting point:** ~235 °C

**Boiling point:** not available

**Ignition temperature:** not available

**Flash point:** not available

**Autoignition temperature:** not available

### **Explosion limits**

**lower:** not available

**upper:** not available

**Density :** not available

**Bulk density:** not available

### **Solubility in**

**water (20 °C) :** soluble in water.

**diluted acids (20 °C) :** not available

**Thermal decomposition:** not available

## 10. Stability and reactivity

### **Chemical stability**

no data available

### **Conditions to avoid**



In vitro tests showed mutagenic effects

**Carcinogenicity**

IARC: 2B - Group 2B: Possibly carcinogenic to humans

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**12. Ecological information**

**Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

**13. Disposal considerations**



## Material Safety Data Sheet

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*Regional representation:*

This information is given on the authorised Safety Data Sheet for your country.