

**1. Identification of the substance/preparation and of the company/undertaking***Identification of the product*

3,5-Dinitrobenzoic acid

*Manufacturer/supplier identification*

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**2. Hazards identification****Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Acute toxicity, Oral (Category 4)

**Label elements**

Pictogram



Signal word Warning

## Hazard statement(s)

H302 Harmful if swallowed.

## Precautionary statement(s)

P264 Wash skin thoroughly after handling.

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

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.

P501 Dispose of contents/ container to an approved waste disposal plant.

## Supplemental Hazard Statements

none

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

3,5-Dinitrobenzoic acid

CAS-No.: 609-99-4

M: 228.12 g/mol

Molecular formula: C<sub>7</sub>H<sub>4</sub>N<sub>2</sub>O<sub>7</sub>**4. First aid measures****If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

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

**In case of eye contact**

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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.

**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. Avoid breathing dust.

**Environmental precautions**

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 contain

Do not let product enter drains.

## 9. Physical and chemical properties

**Form:** crystalline powder

**Colour:** light yellow

**Odour:** no data available

**pH value:** no data available

**Melting point:** no data available

**Boiling point:** 170~174 °C

**Ignition temperature:** no data available

**Flash point:** no data available

**Autoignition temperature:** no data available

### Explosion limits

**lower:** no data available

**upper:** no data available

**Density :** no data available

**Bulk density:** no data available

### Solubility in

**water (20 °C) :** no data available

**diluted acids (20 °C) :** no data available

**Thermal decomposition:** no data available

## 10. Stability and reactivity

### Chemical stability

stable under recommended storage conditions.

### Conditions to avoid

No data available

### Materials to avoid

Strong oxidizing agent, strong base, strong reducing agent.

### Hazardous decomposition products

No data available

## 11. Toxicological information

### Acute toxicity

LD50 Oral - Rat - 860 mg/kg

### Skin corrosion or irritation

No data available

### Serious eye damage or 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.

**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

**13. Disposal considerations****Product**

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

**Contaminated packaging**

Dispose of as unused product.

**14. Transport information****ADR/RID**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods

**IMDG**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods  
Marine pollutant: no

**IATA**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods

**15. Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**16. Other information**

General update.

**Regional representation:**

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