

# MSDS for 4-METHOXY-3-NITROBENZOIC ACID, 98%



Material Safety Data Sheet

4-METHOXY-3-NITROBENZOIC ACID, 98%

## Section 1 - Chemical Product and Company Identification

**MSDS Name:** 4-METHOXY-3-NITROBENZOIC ACID, 98%

**Catalog Numbers:** 18783-0000, 18783-0250, 18783-1000

**Synonyms:**

**Company Identification:** Acros Organics BVBA  
Janssen Pharmaceuticaaan 3a  
2440 Geel, Belgium

**Company Identification: (USA)** Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410

**For information in the US, call:** 800-ACROS-01

**For information in Europe, call:** +32 14 57 52 11

**Emergency Number, Europe:** +32 14 57 52 99

**Emergency Number US:** 201-796-7100

**CHEMTREC Phone Number, US:** 800-424-9300

**CHEMTREC Phone Number, Europe:** 703-527-3887

## Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	% EINECS#
89-41-8	4-METHOXY-3-NITROBENZOIC ACID, 98%	98 201-906-0

**Hazard Symbols:** None listed

**Risk Phrases:** None listed

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW

*Not available*

### Potential Health Effects

The toxicological properties of this substance have not been fully investigated.

## Section 4 - First Aid Measures

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**Skin:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Inhalation:** Remove from exposure and move to fresh air immediately.

**Notes to Physician:**

## Section 5 - Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

## **Section 6 - Accidental Release Measures**

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

## **Section 7 - Handling and Storage**

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:** Store in a cool, dry place. Keep container closed when not in use.

## **Section 8 - Exposure Controls, Personal Protection**

### **Engineering Controls:**

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

### **Exposure Limits**

CAS# 89-41-8:

## **Personal Protective Equipment**

**Eyes:** Wear safety glasses and chemical goggles if splashing is possible.

**Skin:** Wear safety glasses and chemical goggles if splashing is possible.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respirators:** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

## **Section 9 - Physical and Chemical Properties**

**Physical State:** Crystalline powder

**Color:** light yellow

**Odor:** Not available

**pH:** Not available

**Vapor Pressure:** Not available

**Viscosity:** Not available

**Boiling Point:** Not available

**Freezing/Melting Point:** 189.00 - 194.00 deg C

**Autoignition Temperature:** Not available

**Flash Point:** Not available

**Explosion Limits: Lower:** Not available

**Explosion Limits: Upper:** Not available

**Decomposition Temperature:** Not available

**Solubility in water:** Not available

**Specific Gravity/Density:**

**Molecular Formula:** C<sub>8</sub>H<sub>7</sub>NO<sub>5</sub>

**Molecular Weight:** 197.15

## **Section 10 - Stability and Reactivity**

**Chemical Stability:** Stable under normal temperatures and pressures.

<b>Conditions to Avoid:</b>	Incompatible materials.
<b>Incompatibilities with Other Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Irritating and toxic fumes and gases.
<b>Hazardous Polymerization</b>	Has not been reported.

### Section 11 - Toxicological Information

**RTECS#:** CAS# 89-41-8: None listed  
**LD50/LC50:** RTECS: Not available.  
**Carcinogenicity:** 4-METHOXY-3-NITROBENZOIC ACID, 98% - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

### Section 12 - Ecological Information

Not available

### Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

### Section 14 - Transport Information

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	Not available	Not available	Not available
<b>Hazard Class:</b>			
<b>UN Number:</b>			
<b>Packing Group:</b>			

### Section 15 - Regulatory Information

#### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 89-41-8: Not available

Canada

CAS# 89-41-8 is listed on Canada's NDSL List

#### US Federal

TSCA

CAS# 89-41-8 is listed on the TSCA Inventory.

### Section 16 - Other Information

**MSDS Creation Date:** 7/16/1996

**Revision #0 Date** Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be

liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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