



**Material Safety Data Sheet**  
according to ANSI Z400.1-2004

**MDP**

Print date: 24.07.2012

Product code: 7160

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**SECTION 4: First aid measures**

**Description of first aid measures**

**After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with: Water. Change contaminated clothing.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

If swallowed, immediately drink: Water. Immediately get medical attention.

**SECTION 5: Firefighting measures**

**Extinguishing media**

**Suitable extinguishing media**

Extinguishing materials should be selected according to the surrounding area. Suitable extinguishing media: Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Atomized water.

**Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

**SECTION 6: Accidental release measures**

**Environmental precautions**

Do not empty into drains or the aquatic environment.

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

Collect mechanically. Treat the assimilated material according to the section on waste disposal.

**SECTION 7: Handling and storage**

**Precautions for safe handling**

**Advice on safe handling**

Do not breathe dust. Conditions to avoid: skin contact. Eye contact. Wear personal protection equipment. Do not eat, drink, smoke or sneeze at the workplace.

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

**Requirements for storage rooms and vessels**

Keep container dry. Keep container tightly closed.

**Further information on storage conditions**

Recommended storage temperature:

of °C: 2

up to °C: 8

Keep the packing dry and well sealed to prevent contamination and absorption of dampness. Protect against: Light.

Store under (Gas): argon. Nitrogen.

**SECTION 8: Exposure controls/personal protection**

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**Control parameters**

**Exposure controls**

**Occupational exposure controls**

In case of open handling equipment with built-in suction must be used. Do not breathe dust.

**Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Form: fest  
Color: colourless

**Test method**

**Changes in the physical state**

Melting point: 201 - 207 °C  
Water solubility: insoluble  
Solubility in other solvents: dimethylsulphoxide (DMSO).

**SECTION 10: Stability and reactivity**

Stability: Stable  
Possibility of Hazardous Reactions: Will not occur

**Conditions to avoid**

Light.

**Hazardous decomposition products**

Carbon dioxide. Carbon monoxide. Phosphorus compounds.

**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Additional information on tests**

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**SECTION 12: Ecological information**

**Further information**

Do not empty into drains or the aquatic environment. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**SECTION 13: Disposal considerations**

**Waste treatment methods**

**Advice on disposal**

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations.

**Contaminated packaging**

Cleaned containers may be recycled.

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**SECTION 14: Transport information**

**US DOT 49 CFR 172.101**

**Proper shipping name**

Corrosive solid, acidic, organic, n.o.s. (Medronic acid)

ID Number: 3261

Hazard Class or Division: 8

Packing group: III

Label:

**Land transport (ADR/RID)**

**UN number:** 3261

**UN proper shipping name:** ätzender, saurer, organischer, fester Stoff, n.a.g. (Medronic acid)

**Transport hazard class(es):** 8

**Packing group:** III

**Inland waterways transport**

**UN number:** 3261

**UN proper shipping name:** corrosive solid, acidic, organic, n.o.s. (Medronic acid)

**Transport hazard class(es):** 8

**Packing group:** III

**Marine transport**

**UN number:** 3261

**UN proper shipping name:** corrosive solid, acidic, organic, n.o.s. (Medronic acid)

**Transport hazard class(es):** 8

**Packing group:** III

Marine pollutant: no

**Air transport**

**UN/ID number:** 3261

**UN proper shipping name:** corrosive solid, acidic, organic, n.o.s. (Medronic acid)

**Transport hazard class(es):** 8

**Packing group:** III

**SECTION 15: Regulatory information**

**U.S. Regulations**

**SECTION 16: Other information**

**Hazardous Materials Information Label (HMIS)**

Health: 3

Flammability: 1

Physical Hazard: 1

Personal Protection: F

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**NFPA Hazard Ratings**

Health:	3
Flammability:	1
Reactivity:	1
Unique Hazard:	

