Material Safety Data Sheet

according to ANSI Z400.1-2004

Nitromazenil

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Nitromazenil

Further trade names

4H-Imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid, 5,6-dihydro-5-methyl-8-nitro-6-oxo-, ethyl ester

Synonyms:
5,6-Dihydro-5-methyl-8-nitro-6-oxo-4H-imidazo[1,5-a][1,4]-benzodiazepine-3-carboxylic acid ethyl ester; Ro 15-2344

Chemical characterization (substance)

4H-Imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid, 5,6-dihydro-5-methyl-8-nitro-6-oxo-, ethyl ester

CAS No.: 84377-97-9

Details of the supplier of the safety data sheet

Company name: ABX advanced biochemical compounds
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SECTION 2: Hazards identification

Route(s) of Entry

Signs and Symptoms of Exposure

Carcinogenicity (NTP): Toxicological data are not available.
Carcinogenicity (IARC): Toxicological data are not available.
Carcinogenicity (OSHA): Toxicological data are not available.

Other hazards

Warning - substance not yet tested completely.

SECTION 3: Composition/information on ingredients

Substances

Sum formula: $C_{15}H_{14}N_4O_5$
Molecular weight: 330.3

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_2). 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
Protect against: Light.

SECTION 8: Exposure controls/personal protection

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:	yellow

	Test method
Changes in the physical state	
Melting point:	195 - 197 °C
Solubility in other solvents:	chloroform 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. Nitrogen oxides (NOx).

SECTION 11: Toxicological information

Information on toxicological effects

Toxicocinetics, metabolism and distribution

Toxicological data are not available.

Acute toxicity

Toxicological data are not available.

Additional information on tests

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

Further information

Toxicological data are not available.

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.

SECTION 14: Transport information

US DOT 49 CFR 172.101

Proper shipping name

Not a hazardous material with respect to transportation regulations.

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

Health:	1
Physical Hazard:	1
Personal Protection:	C

NFPA Hazard Ratings

Health:	1
Flammability:	
Reactivity:	1
Unique Hazard: