

Safety Data Sheet
according to Regulation (EC) No. 1907/2006

Tosyloxyethylflumazenil

Print date: 26.06.2012

Product code: 1721

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Hazardous components which must be listed on the label

Tosyloxyethylflumazenil

Hazard statements

H361f Suspected of damaging fertility.

Precautionary statements

P281 Use personal protective equipment as required.

SECTION 3: Composition/information on ingredients

Substances

Sum formula: C22H20FN3O6S

Molecular weight: 473.47

Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
	Tosyloxyethylflumazenil	95 - 100 %
676437-17-5	Repr. Cat. 3 R62	
	Repr. 2; H361f	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

After inhalation

Provide fresh air. Medical treatment necessary.

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. Consult an ophthalmologist.

After ingestion

If swallowed, immediately drink: Water. Consult physician immediately.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Suitable extinguishing media: Foam. Extinguishing powder. Carbon dioxide (CO₂). Atomized water.

Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

Advice for firefighters

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

Additional information

Use a water spray jet to knock down vapours/gases/mists. Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

SECTION 6: Accidental release measures

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Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eye and clothing. Wear personal protection equipment.

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. Clear contaminated area thoroughly.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

In case of open handling equipment with built-in suction must be used. Do not breathe dust. 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. Keep locked up. Store in a place accessible only to authorized persons. Keep container in a well-ventilated place.

Further information on storage conditions

storage temperature: $-20 \pm 5^{\circ}\text{C}$

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

Take off immediately all contaminated clothing. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Hand protection

Single-use gloves. NBR (Nitrile rubber).

Eye protection

Tightly sealed safety glasses.

Skin protection

Lab apron. Chemical resistant safety shoes.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid
Colour:	cream-coloured
Odour:	odourless

Test method

Changes in the physical state

Water solubility:	insoluble
Solubility in other solvents:	dimethylsulphoxide (DMSO). Ethanol.

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SECTION 10: Stability and reactivity

Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx). fluorhydric acid.

SECTION 11: Toxicological information

Information on toxicological effects

Toxicocinetics, metabolism and distribution

No information available.

Acute toxicity

No information available.

Carcinogenic/mutagenic/toxic effects for reproduction

May impair fertility.

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

Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No.	Chemical name	Log Pow
676437-17-5	Tosyloxyethylflumazenil	1,9

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

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

160508 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded organic chemicals consisting of or containing dangerous substances
Classified as hazardous waste.

Waste disposal number of used product

160508 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded organic chemicals consisting of or containing dangerous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances
Classified as hazardous waste.

Contaminated packaging

Cleaned containers may be recycled.

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SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 3 - highly water contaminating

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

62 Possible risk of impaired fertility.

Full text of H-Statements referred to under sections 2 and 3

H361f Suspected of damaging fertility.