

Safety Data Sheet



Corresponding to EC Directive 91/155/EEC

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31049320000000

Date of issue: 29.03.1994
 Replaces version of: 24.03.1994

Trade name: DIHYDRO-ERGOTAMINE MESILATE

Productnumber: 3104932

1. Identification of the product and of the company

1.1 Product name:
 DIHYDRO-ERGOTAMINE MESILATE

1.2 Company name:
 SANDOZ PHARMA LTD
 CH 4002 BASEL
 PHONE : CH-061 324 11 11

1.3 Emergency phone number:
 CH-061 324 33 33

2. Composition / information on ingredients

Chemical characterisation of the substance:
 DIHYDRO-ERGOTAMINE MESILATE
 Dihydro-ergot alkaloid
 salt
 CAS-Reg.No: 006190-39-2

3. Hazards identification

According to the present state of knowledge, provided that this product is handled correctly, there is no known danger to humans.

4. First aid measures

- 4.1 After contact with the eyes:
 Immediately rinse eyes with running water and seek medical advice.
- 4.2 After contact with the skin:
 After contact with skin, wash immediately with plenty of water and soap.
- 4.3 After inhalation:
 Remove from danger zone. Obtain medical assistance.
- 4.4 After ingestion or accident:
 If swallowed, wash mouth with plenty of water. Take patient to physician/factory medical centre or call for an ambulance.
 Change contaminated clothes immediately. Rinse, and wash as usual.
- 4.5 Symptoms:
 nausea
 vomiting
 feeling weak
- 4.6 Notes to physician:
 antidopaminergic drugs, e.g. thiethylperazine, by physician

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5. Fire fighting measures

5.1 Extinguishing media:

Suitable:
 water
 dry powder
 foam

Not to be used:
 no restrictions

5.2 Special advice in case of fire:

Cool container and metallic parts with a water spray jet
 Set up threefold fire attack, use extinguishants singly or in
 combination, equip branchman and support team with complete protective
 apparatus.

Hazardous combustion gases:
 carbon oxides
 nitrogen oxides
 sulfur oxides

6. Accidental release measures

6.1 After spillage, leakage, gas leakage:

Large amounts:
 Call the fire-brigade immediately.
 Evacuate endangered area, cut off area.
 Must not be released into sewers, drains or wells.
 Wear heavy protective equipment.
 Take up in the dry state without forming dust. Consider Recycling

Small amounts:
 Take up by mechanical means and dispose.
 Put into lockable and properly labelled drums.

6.2 Cleaning of equipment:

Wash with plenty of water.

7. Handling and storage

7.1 Handling:

Measures to prevent fire and explosion:
 Avoid formation of dust.
 Observe the usual precautionary measures required for chemicals with dust
 explosive properties (Observe national regulations).
 Keep away from sources of ignition.

7.2 Storage:

Technical protective measures:
 Maximum storage temperature: 40 °C

Keep locked up.
 Store container in cool and dry place.
 Ensure efficient exhaust ventilation when using this product

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8. Exposure controls and personal protection

8.1 Exposure controls:

8.2 Industrial hygiene:

8.3 Personal protective equipment:

Respiratory protection: mask, dust filter

Filter: DIN 3181 ABEK-P3

Eye protection: safety goggles

Hand protection: rubber gloves

Others: disposable suit

9. Physical and chemical properties

9.1 Form: powder

9.2 Colour: white slightly yellow

9.3 Odour: none

9.4 Change in physical state:

Melting point (°C): 220.0 - 240.0 (decomposing)

Boiling point: not applicable

9.5 Flash point: not applicable

9.6 Ignition temperature: no reaction up to 360 °C
 Method: Sandoz Ignition test of deposited dust.

9.7 Explosion limits:

9.8 Density: not applicable

9.9 Vapour pressure: not applicable

9.10 Viscosity: not applicable

9.11 pH value:
 (at 1.0 g/l H₂O): 4.4 - 5.4 at 20°C

9.12 Solubility in:

water	:	8.4	g/l at	20°C
ethyl alcohol abs.	:	4.3	g/l at	25°C
acetonitrile	:	10	g/l at	25°C

9.13 Partition coefficient n-octanol/water:

10. Stability and reactivity

Thermal decomposition:

Stable up to: 160 °C (Isoperibol, air open cup)

Reaction autocatalytic

Dangerous reactions:

Dust explosions are possible.

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11. Toxicological information

LD50 acute oral: > 2000 mg/kg (rat)
 LD50 acute oral: > 8000 mg/kg (mouse)

12. Ecological information

Biological elimination:
 95 % (DOC - aerobic)
 Method: OECD 301E * 1981 Mod. OECD screening test (ready)

Fish toxicity:
 LC50 (96 h): > 100 mg/l
 (rainbow trout (salmo gairdneri, oncorhynchus mykiss))
 Method: OECD 203 * 1992 limit test

Daphnia toxicity:
 EC50 (48 h): 113 mg/l
 (daphnia magna (water flea))
 Method: OECD 202 * 1984 acute tox.

Bacterial toxicity:
 Respiration inhibition:
 EC50 (3 h): > 100 mg/l
 (activated sludge)
 Method: OECD 209 * 1984 activated sludge.Respir.inhib.

13. Disposal considerations

Local regulations should be adhered to.

Incineration in controlled furnace.
 May be deposited into a controlled land-fill; local regulations are binding.

14. Transport information

Regulations	Class	UN-Nr.	PGr.
RID/ADR:	not classified		
ICAO/IATA-DGR:	not classified		
GGVSee/IMDG-Code:	not classified		

15. Regulatory information

No labelling requirements according to EC Directives.

16. Other information

Safety data sheet in review

Main use. pharmaceutical active substance

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Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.