



MATERIAL SAFETY DATA SHEET

DRUG REFERENCE STANDARDS

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

Lipomed AG
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Information Number: +41 61 7020200

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Anhydroecgonine-D₃.hydrochloride

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Lipomed Product Code: COC-297-HC

Bulk product

Product name: Anhydroecgonine-D₃.hydrochloride

Formula: C₉H₁₀D₃NO₂.HCl

Molecular weight: 170.23 + 36.46

CAS Number: 219533-63-8

Synonyms: 8-Azabicyclo[3.2.1]oct-2-ene-2-carboxylic acid, 8-trideuteromethyl-, (1R)-.hydrochloride ; Ecgonidine-D₃.hydrochloride

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: No data available

SECTION 4 - FIRST AID MEASURES

FOLLOWING ANY ROUTE OF EXPOSURE GET MEDICAL ATTENTION IMMEDIATELY. SERIOUS TOXICITY IS PRECEDED BY VOMITING IN MOST CASES OF ORAL INGESTION.

Inhalation:

If inhaled, remove to fresh air. If breathing is labored or with coughing, give 100% supplemental oxygen. If not breathing, begin artificial respiration. DO NOT GIVE MOUTH-TO-MOUTH RESUSCITATION.

Ingestion:

If swallowed, get medical attention immediately; do not induce vomiting. Never give anything



by mouth to an unconscious person. If not breathing, begin artificial respiration. Call a physician

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse. Call a physician.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. Call a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Fire:

Combustible. Use extinguishing media appropriate to surrounding fire conditions.

Fire Extinguishing Media:

Emits toxic fumes under fire conditions. Extinguishing media: Water spray; carbon dioxide; dry chemical powder; appropriate foam.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Evacuate area. Shut off all sources of ignition. Do not allow material to enter drains and water sources. To clean up, cover with dry-lime, sand or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Wash spill site with appropriate cleaning agent to removal residual traces of spilled material.

SECTION 7 - HANDLING AND STORAGE

Handling:

Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged and repeated exposure.

Storage:

Keep tightly closed. Store in a cold and dry place.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Handling:

Use only in a chemical fume hood.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.



Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full-facepiece respirator, airtight hood, or full-face piece self-contained breathing apparatus. Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134). This substance has poor warning properties. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

Solid; white

Property	Value
pH	N/A
BP/BP range	N/A
MP/MP range	N/A
Flash point	N/A
Flammability	N/A
Auto ignition Temp	N/A
Oxidizing properties	N/A
Explosive properties	N/A
Explosion limits	N/A
Vapor pressure	N/A
SG/density	N/A
Partition coefficient	N/A
Viscosity	N/A
Vapor density	N/A
Saturated vapor conc.	N/A
Evaporation rate	N/A
Bulk density	N/A
Decomposition temp.	N/A
Solvent content	N/A
Surface tension	N/A
Conductivity	N/A
Miscellaneous data	N/A
Solubility	N/A

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:

Stable

Avoid contact with strong oxidizing agents

Hazardous decomposition products:

Carbon monoxide, carbon dioxide

Hazardous polymerization:

Will not occur



SECTION 11 - TOXICOLOGICAL INFORMATION

Route of exposure: Skin contact: may cause skin irritation
Eye contact: may cause eye irritation
Inhalation: may be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Skin absorption: may be harmful if absorbed through the skin
Ingestion: may be harmful if swallowed

SECTION 12 - ECOLOGICAL INFORMATION

No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION 14 - TRANSPORT INFORMATION

RID/ADR
No data available

IMDG
No data available

IATA
No data available

SECTION 15 - REGULATORY INFORMATION

No data available

SECTION 16 - OTHER INFORMATION

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