

Benztropine mesylate: sc-202495



The Power to Question

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

Catalog Number: sc-202495

Product Name: Benztropine mesylate

Supplier:

Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800

Emergency:

ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255
(1-800-CHEMCALL) or call +613 9573 3112

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %	ACGIH Exposure Limits:	OSHA Exposure Limits:
BENZTROPINE MESYLATE	132-17-2	90 - 100%	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Harmful by inhalation, in contact with skin and if swallowed.

Category of Danger:

Harmful

Principle routes of exposure: Skin

Inhalation: Harmful by inhalation.

Ingestion: Harmful if swallowed.

Skin contact: Harmful in contact with skin.

Eye contact: Risk of serious damage to eyes

Statements of hazard HARMFUL IF SWALLOWED. MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR INHALED.

Statement of Spill or Leak - ANSI Label Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

Statement of First Aid If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

Precautions - ANSI Label Do not taste or swallow. Wash thoroughly after handling.

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: Move to fresh air. Call a physician immediately.

Skin contact: Rinse immediately with plenty of water and seek medical advice

Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Protection of first-aiders: No information available

Medical conditions aggravated by exposure: None known

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Specific hazards:

Unusual hazards:

Use dry chemical, CO₂, water spray or "alcohol" foam
Burning produces irritant fumes.

None known

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Water mist may be used to cool closed containers.
Not determined
Not determined

Specific methods:**Flash point:****Autoignition temperature:****NFPA rating:**

NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:**Environmental precautions:****Methods for cleaning up:**

Use personal protective equipment.
Prevent product from entering drains.
Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Storage:**Handling:****Safe handling advice:****Technical measures/storage conditions:****Incompatible products:**

ROOM TEMPERATURE
Use only in area provided with appropriate exhaust ventilation.
Wear personal protective equipment.
Keep containers tightly closed in a cool, well-ventilated place.
Oxidising and spontaneously flammable products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Breathing apparatus only if aerosol or dust is formed.

Hand protection: Pvc or other plastic material gloves

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection: Safety glasses with side-shields

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:**Formula:****Molecular weight:****Melting point/range:****Boiling point/range:****Density:****Vapor pressure:****Evaporation rate:****Vapor density:****Solubility (in water):****Flash point:****Autoignition temperature:**

Powder
C22H29NO4S
403.5
No data available at this time.
No data available at this time.
No data available
No data available
No data available
No data available
No data available
No data available
Not determined
Not determined

10. STABILITY AND REACTIVITY

Stability:**Polymerization:****Hazardous decomposition products:****Materials to avoid:****Conditions to avoid:**

Stable under recommended storage conditions.
None under normal processing.
Nitrogen oxides (NOx)/ammonia/CN- , Sulphur oxides
Strong oxidising agents
Exposure to air or moisture over prolonged periods.

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Components

BENZTROPINE MESYLATE

RTECS Number:

YM3150000

Selected LD50s and LC50s

Oral LD50 Rat : 940 mg/kg

Oral LD50 Mouse : 91 mg/kg

Chronic toxicity:

Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Local effects:

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Specific effects:

May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

Primary irritation:

No data is available on the product itself.

Carcinogenic effects:

No data is available on the product itself.

Mutagenic effects:

No data is available on the product itself.

Reproductive toxicity:

No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Mobility:

No data available

Bioaccumulation:

No data available

Ecotoxicity effects:

No data available

Aquatic toxicity:

May cause long-term adverse effects in the aquatic environment.

Components

U.S. DOT - Appendix B - Marine Pollutan

Not Listed

U.S. DOT - Appendix B - Severe Marine Pollutants

Not Listed

United Kingdom - The Red List:

Not Listed

BENZTROPINE MESYLATE

Components

Germany VCI (WGK)

Not Listed

World Health Organization (WHO) - Drinking Water

Not Listed

Ecotoxicity - Fish Species Data

Not Listed

BENZTROPINE MESYLATE

Components

Ecotoxicity - Freshwater Algae Data

Not Listed

Ecotoxicity - Microtox Data

Not Listed

Ecotoxicity - Water Flea Data

Not Listed

BENZTROPINE MESYLATE

Components

EPA - ATSDR Priority List

Not Listed

EPA - HPV Challenge Program Chemical List

Not Listed

California - Priority Toxic Pollutants

Not Listed

BENZTROPINE MESYLATE

Components

California - Priority Toxic Pollutants

Not Listed

California - Priority Toxic Pollutants

Not Listed

BENZTROPINE MESYLATE

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging:

Do not re-use empty containers

14. TRANSPORT INFORMATION

UN/Id No:

Not regulated

DOT:

Proper shipping name:

Not Regulated

Components
BENZTROPINE MESYLATE

U.S. DOT - Appendix A Table 1 - Reportable Quantities
Not Listed

TDG (Canada):

WHMIS hazard class:

Non-controlled

IMDG/IMO

IMDG - Hazard Classifications

Not Applicable

Components

U.S. DOT - Appendix B - Marine Pollutan

**U.S. DOT - Appendix B - Severe Marine
Pollutants**

BENZTROPINE MESYLATE

Not Listed

Not Listed

IMO-labels:

15. REGULATORY INFORMATION

International Inventories

Components

BENZTROPINE MESYLATE

Inventory - United States TSCA - Sect. 8(b)

Not Listed

Canada DSL Inventory List -

Not Listed

Australia (AICS):

Present

EU EINECS List -

205-048-8; C21H25NO.CH4O3S

U.S. regulations:

Components

California Proposition 65

**Massachusetts Right to
Know List:**

**New Jersey Right to
Know List:**

**Pennsylvania Right to Know
List:**

BENZTROPINE MESYLATE

-
Not Listed

Not Listed

Not Listed

Not Listed

Components

Florida substance List:

**Rhode Island Right to
Know List:**

**Illinois - Toxic Air
Contaminants**

**Connecticut - Hazardous Air
Pollutants**

BENZTROPINE MESYLATE

Not Listed

Not Listed

Not Listed

Not Listed

Components

**SARA 313 Emission
reporting/Toxic Release
of Chemicals**

**CERCLA/SARA - Section NTP:
302 Extremely Haz**

IARC:

BENZTROPINE MESYLATE

Not Listed

Not Listed

None

None

SARA 313 Notification:

The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

If you are unsure if you are subject to the reporting requirements of Section 313, or need more information, please call the EPA Emergency Planning and Community Right-To-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).

State Notification:

The above information is your notice as to the Right-to-Know listings of the stated product(s). Individual states will list chemicals for a variety of reasons including, but not limited to, the compounds toxicity; carcinogenic, tumorigenic and/or reproductive hazards; and the compounds environmental impact if accidentally released.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.