

Isotetrandrine: sc-200869



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Isotetrandrine
Product Number: sc-200869
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 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. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

Labeling according to Regulation (EC) No 1272/2008:

The substance is classified and labelled according to the CLP regulation.

Pictograms

none

Signal word none

Hazard statements

none

Precautionary statements

none

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Hazard statements

none

Risk codes and phrases

none

Safety codes and phrases

none

Information concerning particular hazards for human and environment

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: 6,6',7,12-Tetramethoxy-2,2'-dimethylberbaman
Formula: C₃₈H₄₂N₂O₆
Molecular weight: 622.75
CAS #: 477-57-6

4. FIRST AID MEASURES

General advice

No special measures required.

If inhaled

Supply fresh air.consult doctor in case of complaints.

In case of skin contact

Remove contaminated clothing.

In case of eye contact

Rinse opened eye for several minutes under running water.

If swallowed

Call for a doctor immediately.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Hazardous combustion products

No further relevant information available.

Special protective equipment for firefighters

Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Wear fully protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid formation of dust. Wear protective clothing.

Environmental precautions

No special measures required.

Methods and materials for containment and clean up

Pick up mechanically.

7. HANDLING AND STORAGE

Precautions for safe handling

No special measures required.

Conditions for safe storage

Store tightly sealed in a cool, dry and well ventilated location (see label for storage temperature and additional specific information). Keep away from heat, sources of ignition and incompatibles such as oxidizing agents.

Store under lock and key and with access restricted to technical experts or their assistants only. Store at -20°C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment**Respiratory protection**

Not required.

Hand protection

Wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

Safety glasses.

Hygiene measures

The usual precautionary measures are to be adhered to when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	Odor	Characteristic
Odor threshold	No data available.	pH-value	Not applicable
Melting point/Melting range	Undetermined.	Boiling point/Boiling range	Undetermined.
Flash point	Not applicable.	Flammability (solid, gaseous)	Not flammable.
Decomposition temperature	Not determined.	Self-igniting:	Not determined.
Lower explosion limit	Not determined.	Upper explosion limit	Not determined.

Vapor pressure	Not applicable.	Density	Not determined.
Relative density	Not determined.	Vapor density	Not applicable.
Evaporation rate	Not applicable.	Solubility (water)	Not determined.
Partition coefficient (n-octanol/water)	Not determined.	Viscosity	Not applicable.

10. STABILITY AND REACTIVITY

Chemical reactivity

No dangerous reactions known.

Chemical stability

Stable.

Materials to avoid

Avoid strong oxidizing agents.

Conditions to avoid

No further relevant information available.

Hazardous decomposition products

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Selected LD50 and LC50s: LD50 - Oral - 6400 mg/kg (mouse)
LD50 - Intraperitoneal - 160 mg/kg (mouse)

Primary irritant effect:

on the skin: Not determined.

on the eye: Not determined.

Sensitization

No sensitizing effects known.

Additional toxicological information

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Product

Smaller quantities can be disposed of with household waste.

Contaminated packaging

Disposal must be made according to official regulations.

14. TRANSPORTATION INFORMATION

UN-Number

Not applicable

UN proper shipping name

Not applicable

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Marine pollutant:

No

Special precautions:

Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable

15. REGULATORY INFORMATION

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

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.

05/14/2014