

Hassallidin B: sc-221706



The Power to Question

MATERIAL SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

Product Name: Hassallidin B
Catalog Number: sc-221706
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 of the substance or mixture
Classification according to Regulation (EC) No 1272/2008



GHS06

Acute Tox. 2 H330 Fatal if inhaled.
Acute Tox. 3 H301 Toxic if swallowed.
Acute Tox. 3 H311 Toxic in contact with skin.

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



T; Toxic

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

Information concerning particular hazards for human and environment: Not applicable.

Label elements

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

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

Hazard pictograms: GHS06



Signal word: Danger

Hazard statements:

H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H330 Fatal if inhaled.

Precautionary statements

P260 Do not breathe dust/fume/gas/vapors/mist/spray.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P310 Immediately call a POISON CENTER or doctor/physician.
P320 Specific treatment is urgent (see on this label).
P361 Remove/Take off immediately all contaminated clothing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3. Composition/information on ingredients

Synonyms: CHEMBL374670
CAS Number: N/A

Molecular Formula: C68H109N11O28
Molecular Weight: 1528.65

4. First aid measures

Description of first aid measures

General information:

Immediately remove any clothing soiled by the product. Remove breathing equipment only after contaminated clothing have been completely removed. In case of irregular breathing or respiratory arrest provide artificial respiration.

After inhalation:

Supply fresh air or oxygen; call for doctor. In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Seek medical attention if symptoms appear.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After ingestion:

Do not induce vomiting; call for medical help immediately.

Information for doctor:

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

Extinguishing media

Suitable extinguishing agents:

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

Special hazards arising from the substance or mixture:

No further relevant information available.

Advice for firefighters

Protective equipment:

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

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid formation of dust. Wear protective clothing.

Environmental precautions:

No special measures required.

Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

Handling:

Precautions for safe handling:

Thorough de-dusting. Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

Information about fire - and explosion protection:

Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store tightly sealed in a cool, dry and well ventilated location (see label for storage temperature and additional specific information). Store at -20° C.

Information about storage in one common storage facility:

Keep away from heat, sources of ignition and incompatibles such as oxidizing agents.

Further information about storage conditions:

Keep container tightly sealed. Store under lock and key and with access restricted to technical experts or their assistants only.

Specific end use(s):

No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

Not required.

Additional information:

The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

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.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

9. Physical and chemical properties

Form:	Solid	Odor:	Characteristic
Odor threshold:	Not determined.	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/Upper Explosion limits:	Not determined.	Vapor pressure:	Not applicable.
Density:	Not determined.	Relative density	Not determined.
Vapor density	Not applicable.	Evaporation rate	Not applicable.
Dynamic Viscosity:	Not applicable.	Kinematic Viscosity:	Not applicable.
Solubility/Miscibility with water:	Not determined.	Segregation coefficient	Not determined.
Danger of explosion:	No.	(n-octanol/water):	

10. Stability and reactivity

Reactivity

Chemical stability:

Stable. Avoid strong oxidizing agents.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions:

No dangerous reactions known.

Conditions to avoid:

No further relevant information available.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

No dangerous decomposition products known.

11. Toxicological information**Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:**

Not applicable.

Primary irritant effect:

on the skin: Not determined.

on the eye: Not determined.

Sensitization: No sensitizing effects known.

12. Ecological information**Toxicity****Aquatic toxicity:**

No further relevant information available.

Persistence and degradability:

No further relevant information available.

Behavior in environmental systems:**Bioaccumulative potential:**

No further relevant information available.

Mobility in soil:

No further relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects

No further relevant information available.

13. Disposal considerations**Waste treatment methods****Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

14. Transport information**IATA**

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 for user: 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.

9/2/2014