

CHES sodium salt: sc-293992



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CHES sodium salt
Product Number: sc-293992
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 -DSD

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Not classified

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Not classified

Label elements

Labeling EC 67/548 or EC 1999/45

Not classified

Labeling Regulation EC 1272/2008 (CLP)

Not classified

Other hazards:

The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Synonym: Sodium 2-(cyclohexylamino)ethanesulphonate

Molecular weight: 229.27

Molecular formula: C₈H₁₆NO₃SNa

CAS number: 3076-05-9

4. FIRST AID MEASURES

Description of first aid measures

Inhalation:

Assure fresh air breathing. Allow the victim to rest.

Skin contact:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact:

Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion:

Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use:

Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed

General information:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Foam. Dry powder. Carbon dioxide. Water spray. Sand

Unsuitable extinguishing media:

Do not use a heavy water stream.

Surrounding fires:

Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture

Hazardous combustion products:

Under fire conditions, hazardous fumes will be present.

Advice for fire-fighters

Protection against fire:

Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures:

Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For emergency responders:

Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel:

Evacuate unnecessary personnel.

Environmental precautions:

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up

Clean up methods:

On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Reference to other sections

See section 8. Exposure controls/personal protection

7. HANDLING AND STORAGE

Precautions for safe handling

Handling:

Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Technical protective measures:

Provide good ventilation in process area to prevent formation of vapor.

Conditions for safe storage, including any incompatibilities

Storage:

Keep only in the original container in a cool, well ventilated place. Store at room temperature. Keep container closed when not in use.

Store away from:

Strong bases. Strong acids. Sources of ignition. Direct sunlight

Specific end use(s):

None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Personal protection:

Avoid all unnecessary exposure.

Respiratory protection:

Wear approved mask.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses.

Others:

When using, do not eat, drink or smoke.

Control parameters**Occupational Exposure Limits:**

No data available

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form	Solid at 20°C	pH	no data available
Boiling point	no data available	Flash point	no data available
Ignition temperature	no data available	Lower explosion limit	no data available
Vapor pressure	no data available	Upper explosion limit	no data available
Density	no data available	Relative vapor density	no data available
Odor	no data available	Evaporation rate	no data available
Odor Threshold	no data available	Partition coefficient	no data available
Auto-ignition temperature	no data available	n-octanol/water	
Melting point/Freezing point	300°C		
Water solubility	Appreciable (> 10%) [weight]		

10. STABILITY AND REACTIVITY

Reactivity:

Not established

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions**Hazardous reactions:**

Not established

Conditions to avoid:

Direct sunlight. Extremely high or low temperatures.

Incompatible materials**Materials to avoid:**

Strong acids. Strong bases.

Hazardous decomposition products:

Fumes. Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects**Acute toxicity**

Inhalation: Based on available data, the classification criteria are not met.

Dermal: Based on available data, the classification criteria are not met.

Ingestion: Based on available data, the classification criteria are not met.

Corrosion: Based on available data, the classification criteria are not met.

Irritation: Based on available data, the classification criteria are not met.

Sensitization:

Based on available data, the classification criteria are not met.

Mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Toxic for reproduction:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Toxicity information:

Not established

Persistence – degradability:

Biodegradable

Bioaccumulative potential:

Not established

Mobility in soil:

Not established

Results of PBT and vPvB assessment:

The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Other adverse effects**Environmental precautions:**

Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**General:**

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture**Safety, health and environmental:**

Insure all national/local regulations are observed.

Regulations/legislation specific for the substance or mixture**REACH Restrictions – Annex XVII:**

The components of this product are not subject to restrictions.

REACH Authorization – Annex XIV:

The components of this product are not subject to authorization.

Chemical Safety Assessment:

It 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.

09/18/2013