

# 5-hydroxyhexanoic acid sodium salt: sc-352672



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1 - Product Information

**Product Name:** 5-hydroxyhexanoic acid sodium salt  
**Product Number:** sc-352672  
**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. Composition/Information on Ingredients

**Product Name:** 5-hydroxyhexanoic acid sodium salt  
**Formula:** C<sub>6</sub>H<sub>11</sub>O<sub>3</sub>Na  
**Molecular Weight:** 154.14 AMU  
**Cas Number:** 44843-89-2

### 3. Hazards Identification

#### SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Harmful if swallowed or inhaled.

### 4 - First Aid Measures

#### AFTER INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

#### AFTER SKIN CONTACT

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

#### AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

#### AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### 5 - Fire Fighting Measures

#### EXTINGUISHING MEDIA

**Suitable:** Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

#### SPECIAL RISKS

**Specific Hazard(s):** Emits toxic fumes under fire conditions.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### 6 - Accidental Release Measures

#### PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL

Evacuate area.

#### PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

#### METHODS FOR CLEANING UP

Wipe dry, place a rag in a bag and hold for waste disposal. Avoid fumes inhaling. Ventilate area and wash spill site after material pickup is complete.

### 7 - Handling and Storage

#### HANDLING

**Directions for Safe Handling:** Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

## STORAGE

**Conditions of Storage:** Keep tightly closed. Keep in room temperature.

**Expire date:** not available, reanalysis is required no more than once a year.

## SPECIAL REQUIREMENTS

Not available.

## 8 - Exposure Controls / Personal Protection

### ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

### GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** Government approved respirator.

**Hand Protection:** Compatible chemical-resistant gloves.

**Eye Protection:** Chemical safety goggles.

## 9 - Physical and Chemical Properties

pH	N/A	MP/MP Range	N/A
Flash Point	N/A	Flammability	N/A
Autoignition 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
Water Content	N/A	Surface Tension	N/A
Conductivity	N/A	Miscellaneous Data	N/A
Solubility	N/A		

## 10 - Stability and Reactivity

### STABILITY

**Stable:** Stable.

**Conditions of Instability:** Not available.

**Materials to Avoid:** Strong oxidizing agents, Strong acids.

### HAZARDOUS DECOMPOSITION PRODUCTS

**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide, Nitrogen oxides.

### HAZARDOUS POLYMERIZATION

**Hazardous Polymerization:** Will not occur

## 11 - Toxicological Information

N/A

## 12 - Ecological Information

N/A

## 13 - Disposal Considerations

### SUBSTANCE DISPOSAL

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.

## 14 - Transport Information

Non-hazard for transport. The above goods is/are non-corrosive, non-oxidizing, non-magnetic, nontoxic and not dangerous and it can be carried in any passenger aircraft.

## 15 - Regulatory Information

**Safety Statements:** Do not breathe dust. Avoid contact with skin and eyes.

## 14 - 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.*

10/18/2011