

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc. Revision date 22-Jul-2016 Version 1

# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product identifier Product Name

Product Name Product Code 4-Methyl-5-nonanol SC-267643

**Recommended use of the chemical and restrictions on use** For research use only. Not intended for diagnostic or therapeutic use.

#### Details of the supplier of the safety data sheet

Santa Cruz Biotechnology, Inc. 10410 Finnell Street Dallas, TX 75220 831.457.3800 800.457.3801 scbt@scbt.com Emergency telephone number Chemtrec 1.800.424.9300 (Within USA) +1.703.527.3887 (Outside USA)

# 2. HAZARDS IDENTIFICATION

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

#### Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

# Label elements

Signal word Hazard statements Symbols/Pictograms

Precautionary Statements - Prevention Precautionary Statements - Response

## Hazards not otherwise classified (HNOC)

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## **Other Information**

**NFPA** 

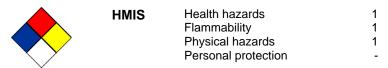
Unknown acute toxicity

Health hazards Flammability Stability Physical and chemical properties Not classified Not classified Not classified

Wash hands thoroughly after handling IF exposed or concerned: Get medical advice/attention

Not applicable

100% of the mixture consists of ingredient(s) of unknown toxicity.



# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS No Molecular Weight Formula		154170-44-2 158.28 C10H22O			
Chemical Name	CAS No	Weight %	Oral LD50	Dermal LD50	Inhalation LC50

4-Methyl-5-nonanol	154170-44-2	>98	-	-	-

# 4. FIRST AID MEASURES

First Aid Measures	
General advice	Consult a physician if necessary. Remove to fresh air.
Eye contact	Wash with plenty of water.
Skin Contact	Wash skin with soap and water.
Inhalation	Remove to fresh air If breathing is difficult, give oxygen If not breathing, give artificial respiration
Ingestion	Never give anything by mouth to an unconscious person. Clean mouth with water.
Most important symptoms and Symptoms	effects, both acute and delayed No information available.

Indication of any immediate medical attention and special treatment needed Note to physicians Treat symptomatically.

**5. FIRE-FIGHTING MEASURES** 

Suitable Extinguishing Media Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	None.
Specific hazards arising from th	e chemical
Specific hazards arising from the	No information available.
chemical	
Hazardous combustion products	Carbon oxides.
riazardous compusitori producis	Calbon Oxides.
Explosion data	
Sensitivity to Mechanical Impact	No information available.
Sensitivity to Static Discharge	No information available.
Contenting to Claric Discharge	
Protective equipment and preca	utions for firefighters
	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH
for firefighters	(approved or equivalent) and full protective gear.
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# 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective	e equipment and emergency procedures
Personal precautions	Ensure adequate ventilation, especially in confined areas.
Environmental precautions Environmental precautions	See Section 12 for additional Ecological Information.
Methods and material for contai	nment and cleaning up
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

**Control parameters** 

Precautions for safe handling Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
Conditions for safe storage, incl Storage Conditions	luding any incompatibilities Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room
	temperature.
Incompatible materials	None known based on information supplied.
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# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Appropriate engineering control	bls
Engineering Controls	Showers
	Evewash stations
	Ventilation systems
Individual protection measures	, such as personal protective equipment
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear protective gloves and protective clothing.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	li
Appearance	١
Odor	Ν

**Property** 

pН Melting point/freezing point Boiling point Flash point Density Evaporation rate Upper flammability limits Lower flammability limit Vapor pressure Vapor density Specific gravity Water solubility Solubility in other solvents Partition coefficient Autoignition temperature Decomposition temperature Kinematic viscosity Explosive properties Oxidizing properties

iquid No information available No information available

#### Values

No information available No information available

# **10. STABILITY AND REACTIVITY**

Reactivity	Not applicable
Chemical stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	No information available.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.

## **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

#### Information on toxicological effects Symptoms No information available.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure Chronic Toxicity No information available.

## Numerical measures of toxicity - Product Information

Unknown acute toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity

# **12. ECOLOGICAL INFORMATION**

Ecotoxicity

May cause long lasting harmful effects to aquatic life

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Persistence and degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.

## **13. DISPOSAL CONSIDERATIONS**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse container.

# **14. TRANSPORT INFORMATION**

DOT

Not regulated

# IMDG Not regulated

IATA Not regulated

## **15. REGULATORY INFORMATION**

#### International Inventories

#### All of the components in the product are on the following Inventory lists

TSCA (United States): Canada (DSL/NDSL) ENCS (Japan):

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
4-Methyl-5-nonanol	Х	-	Х	-	-	Х	-	-	-	-

X - Listed

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

#### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

## US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

# **16. OTHER INFORMATION**

Revision note

No information available

#### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet