

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc. Revision date 05-Oct-2016 Version 1

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

#### Product identifier Product Name

Product Name Product Code cis-3-Nonen-1-ol SC-223890

**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 considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification** Serious eye damage/eye irritation Flammable liquids

Label elements Signal word Hazard statements

Symbols/Pictograms

Precautionary Statements - Prevention

Precautionary Statements - Response

Precautionary Statements - Storage Precautionary Statements - Disposal

Hazards not otherwise classified (HNOC)

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### **Other Information**

Category 2A Category 4

Warning Causes serious eye irritation Combustible liquid



Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection Keep away from heat/sparks/open flames/hot surfaces. — No smoking IF exposed or concerned: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention In case of fire: Use CO2, dry chemical, or foam for extinction Store in a well-ventilated place. Keep cool Dispose of contents/container to an approved waste disposal plant

Not applicable

Health hazards

Physical and chemical

Flammability

Stability

properties



2

2

0

#### Other hazards Unknown acute toxicity

NFPA

Toxic to aquatic life with long lasting effects. 100% of the mixture consists of ingredient(s) of unknown toxicity.

Health hazards	2
Flammability	2
Physical hazards	0
Personal protection	-
	Flammability Physical hazards

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

CAS No Molecular Weight Formula		10340-23-5 142.24 C9H18O			
Chemical Name	CAS No	Weight %	Oral LD50	Dermal LD50	Inhalation LC50
cis-3-Nonen-1-ol	10340-23-5	>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 ally.

Note to physicians	Treat symptomatica
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### 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Suitable Extinguishing Media Unsuitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. None.
<b>Specific hazards arising from th</b> Specific hazards arising from the chemical Hazardous combustion products	e chemical No information available. Carbon oxides.
Explosion data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.

### Protective equipment and precautions for firefighters

Protective equipment and precautions As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH for firefighters (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective 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 containment 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

Precautions for safe handling Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.		
Conditions for safe storage, including any incompatibilities			
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store at 4 °C.		
Incompatible materials	None known based on information supplied.		

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control parameters</b> 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 contro	ls		
Engineering Controls	Showers		
3 3	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.		
Skin and Body Protection Respiratory protection			

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	liquid
Appearance	No information available
Odor	No information available

### Property \_\_\_\_\_

Values



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

No information available No information available 107 °C 62 °C CC (closed cup) No information available No information available

### **10. STABILITY AND REACTIVITY**

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

### **11. TOXICOLOGICAL INFORMATION**

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

Toxic to aquatic life with long lasting effects

0% 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 wastesDisposal should be in accordance with applicable regional, national and local laws and<br/>regulations.Contaminated packagingDo not reuse container.

### **14. TRANSPORT INFORMATION**

DOT	Not regulated
IMDG	Not regulated
ΙΑΤΑ	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) Europe (EINECS/ELINCS/NLP) Australia (AICS) South Korea (KECL):

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
cis-3-Nonen-1-ol	Х	Х	-	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	Yes
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