

#### The Power to Question

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.
Revision date 08-Oct-2020
Version 1

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

**Product identifier** 

Product Name (±)-Filbertone
Product Code SC-497516

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

Flammable liquids Category 3

Label elements

Hazard statements

Signal word Warning

Symbols/Pictograms Flammable liquid and vapor

Precautionary Statements - Prevention Keep away from heat/sparks/open flames/hot surfaces. — No

smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Wear protective gloves/protective clothing/eye protection/face

protection

iF exposed or concerned: Get medical advice/attention IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

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

Hazards not otherwise classified (HNOC)

Precautionary Statements - Response

Precautionary Statements - Storage

Precautionary Statements - Disposal

Hazards not otherwise classified (HNOC) Not applicable

Other Information

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



**NFPA** Health hazards 0 Flammability 2

Stability 0 Physical and chemical

properties



Health hazards **HMIS** 0 Flammability 2 Physical hazards 0

Personal protection

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No 102322-83-8 Molecular Weight 126.20 Formula C8H14O

Chemical name	CAS No.	Weight-%	Oral LD50	Dermal LD50	Inhalation LC50
(±)-Filbertone	102322-83-8	>98	-	-	-

#### 4. FIRST AID MEASURES

**First Aid Measures** 

General advice Consult a physician if necessary. Remove to fresh air.

Eve 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

Never give anything by mouth to an unconscious person. Clean mouth with water. Ingestion

## Most important symptoms and effects, both acute and delayed

No information available. **Symptoms** 

#### 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 No information available.

Specific hazards arising from the chemical

Specific hazards arising from the No information available.

chemical

Hazardous combustion products Carbon oxides.

**Explosion data** 

Sensitivity to Mechanical Impact No information available. Sensitivity to Static Discharge 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

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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

**Control parameters** 

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 controls

Engineering Controls Showers

Eyewash 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 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 liquid

Appearance No information available Odor No information available

Property Values

pH No information available
Melting point/freezing point No information available

Boiling point 169 °C

Flash point 55 °C Liquid Density 0.847 g/mL

Evaporation rate No information available Upper flammability limits No information available Lower flammability limit No information available Vapor pressure No information available Vapor density No information available Specific gravity No information available Water solubility No information available Solubility in other solvents No information available Partition coefficient No information available Autoignition temperature No information available No information available Decomposition temperature Kinematic viscosity No information available Explosive properties No information available Oxidizing properties No information available

#### 10. STABILITY AND REACTIVITY

Reactivity Not applicable

Chemical stability Stable under recommended storage conditions.

None under normal processing. Possibility of Hazardous Reactions 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. Eve 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 should be in accordance with applicable regional, national and local laws and Disposal of wastes

regulations.

Contaminated packaging Do not reuse container.

#### 14. TRANSPORT INFORMATION

DOT

UN/ID no UN1224 **Hazard Class** 3 Packing Group

Proper shipping name Ketones, liquid, n.o.s.

Description UN1224, Ketones, liquid, n.o.s., 3, III

Emergency Response Guide Number 127

**IMDG** 

UN/ID no UN1224 **Hazard Class** 3 Packing Group Ш

Proper shipping name Ketones, liquid, n.o.s.

Description UN1224, Ketones, liquid, n.o.s., 3, III, (55°C c.c.)

**Special Provisions** 223, 274 EmS-No F-E, S-D

IATA

UN/ID no UN1224 **Hazard Class** Packing Group Ш

Proper shipping name Ketones, liquid, n.o.s.

UN1224, Ketones, liquid, n.o.s., 3, III Description

**ERG Code** 

# 15. REGULATORY INFORMATION

#### **International Inventories**

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

No information available

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**