

#### The Power to Question

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc. Revision date 08-Feb-2022 Version 1.1

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

**Product identifier** 

Product Name Isoamyl Isovalerate Product Code SC-484741

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

Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Flammable liquids Category 4

Signal word

Causes skin irritation Causes serious eye irritation

Combustible liquid

Warning

Precautionary Statements - Prevention Wash face, hands and any exposed skin thoroughly after

Wear protective gloves/protective clothing/eye protection/face

protection

Keep away from heat/sparks/open flames/hot surfaces. — No

smokina

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 IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse 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

Label elements

Hazard statements

Symbols/Pictograms

Precautionary Statements - Response

Precautionary Statements - Storage Precautionary Statements - Disposal



## Hazards not otherwise classified (HNOC)

Hazards not otherwise classified (HNOC)

Not applicable

#### Other Information

Unknown acute toxicity

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

Health hazards **NFPA** 

2 Flammability 2 Stability 0 Physical and chemical

properties



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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No 659-70-1 Molecular Weight 172.27 C10H20O2 Formula

Chemical name	CAS No.	Weight-%	Oral LD50	Dermal LD50	Inhalation LC50
Isoamyl Isovalerate	659-70-1	>98	-	-	-

## 4. FIRST AID MEASURES

First Aid Measures

General advice If symptoms persist, call a physician.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Keep eve wide open while rinsing. If symptoms

persist, call a physician.

Skin Contact Immediate medical attention is not required. Wash off immediately with soap and plenty of

water while removing all contaminated clothes and shoes. If skin irritation persists, call a

Immediate medical attention is not required If symptoms persist, call a physician Move to Inhalation

fresh air in case of accidental inhalation of vapors or decomposition products

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth Ingestion

to an unconscious person. Call a physician. Do NOT induce vomiting.

Use personal protective equipment as required. Self-protection of the first aider

#### 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. Dry chemical. Carbon dioxide (CO2). Water spray (fog). Alcohol resistant foam.

Unsuitable Extinguishing Media No information available.

## Specific hazards arising from the chemical

Specific hazards arising from the

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

chemical

Hazardous combustion products No information available.



**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 Use personal protective equipment as required. Remove all sources of ignition. Evacuate

personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to

flashback. Take precautionary measures against static discharges.

**Environmental precautions** 

Environmental precautions See Section 12 for additional Ecological Information. Do not flush into surface water or

sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product

from entering drains.

Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Methods for containment

Methods for cleaning up Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled

containers. Take precautionary measures against static discharges.

#### 7. HANDLING AND STORAGE

## Precautions for safe handling

Advice on safe handling

Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use

personal protective equipment as required. Do not breathe

dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge

(which might cause ignition of organic vapors).

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers. Store at room temperature.

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

**Evewash stations** Ventilation systems

Individual protection measures, such as personal protective equipment



Eye/face protection Tight sealing safety 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 When using do not eat, drink or smoke. Regular cleaning of equipment, work area and

clothing is recommended.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State liquid

Appearance No information available Odor No information available

<u>Property</u> <u>Values</u>

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

Boiling point 194 °C Flash point 72 °C

Liquid Density No information available 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 Decomposition temperature No information available 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.

Possibility of Hazardous Reactions
Hazardous polymerization
Conditions to avoid
Incompatible materials

None under normal processing.
No information available.
Heat, flames and sparks.
Strong oxidizing agents.

Hazardous Decomposition Products None known based on information supplied.

## 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.

Contaminated packaging Do not reuse container.

#### 14. TRANSPORT INFORMATION

Not regulated DOT

Not regulated **IMDG** 

Not regulated IATA

## 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): China (IECSC) ENCS (Japan): Philippines (PICCS)

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Isoamyl Isovalerate	X	X	-	Х	-	X	X	X	X	X

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



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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 Yes
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

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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**