

The Power to Question

SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.
Revision date 08-May-2020
Version 1.1

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

Product identifier

Product Name Thioanisole
Product Code SC-251230

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

Acute toxicity - OralCategory 4Skin corrosion/irritationCategory 2Skin sensitizationCategory 1Flammable liquidsCategory 4

Label elements

Signal word Hazard statements

Symbols/Pictograms

Precautionary Statements - Prevention

Warning

Harmful if swallowed Causes skin irritation

May cause an allergic skin reaction

Combustible liquid



Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the

workplace

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



Precautionary Statements - Response IF exposed or concerned: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical advice/attention IF SWALLOWED: Call a POISON CENTER or doctor/physician if

you feel unwell Rinse mouth

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 - Storage

Precautionary Statements - Disposal

properties

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Other hazards

Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

NFPA Health hazards 0 Flammability 2

Flammability 2
Stability 0
Physical and chemical -



HMIS Health hazards 0
Flammability 2
Physical hazards

Physical hazards 0
Personal protection -

3. COMPOSITION/INFORMATION ON INGREDIENTS

 CAS No
 100-68-5

 Molecular Weight
 124.20

 Formula
 C6H₅SCH₃

Chemical name	CAS No.	Weight-%	Oral LD50	Dermal LD50	Inhalation LC50		
Thioanisole	100-68-5	>98	= 891 mg/kg (Rat)	-	-		

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 eye 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

physician.

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

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

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

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

Self-protection of the first aider

Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed



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 Carbon oxides. Hydrogen sulfide.

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

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

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

containers. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Noxious vapor/odor. Ensure adequate ventilation, especially in confined areas. 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 Ensure adequate ventilation, especially in confined areas

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 liauid

Appearance No information available Odor unpleasant May be unpleasant

Property Values

No information available рΗ

Melting point/freezing point -15 °C Boiling point 188 °C

Flash point 73 °C CC (closed cup)

Liquid Density 1.06 g/mL

Evaporation rate No information available Upper flammability limits No information available Lower flammability limit No information available

Vapor pressure 0.4 mmHg

Vapor density No information available Specific gravity No information available Water solubility No information available Solubility in other solvents No information available

Partition coefficient 2.9 Autoignition temperature 385 °C

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 None under normal processing. Hazardous polymerization No information available. Conditions to avoid Heat, flames and sparks. Incompatible materials Strong oxidizing agents.

Hazardous Decomposition Products Carbon oxides. Hydrogen sulfide.

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 No information available

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 891 mg/kg

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
Bioaccumulation
Mobility
No information available.
No information available.
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

DOT

UN/ID no UN3334

Hazard Class 9

Proper shipping name Aviation regulated liquid, n.o.s.

Description UN3334, Aviation regulated liquid, n.o.s., 9

Emergency Response Guide Number 171

IMDG

UN/ID no UN3334 Hazard Class 9

Proper shipping name Aviation regulated liquid, n.o.s.

Description UN3334, Aviation regulated liquid, n.o.s. (Thioanisole), 9, Marine pollutant

Special Provisions 960

IATA

UN/ID no UN3334 **Hazard Class** q Ш Packing Group

Proper shipping name Aviation regulated liquid, n.o.s.

Description UN3334, Aviation regulated liquid, n.o.s., 9, III

ERG Code

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

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

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 Yes Chronic Health Hazard Nο 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