

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc. Revision date 25-Sep-2023 Version 1

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

# Product identifier

Product Name Product Code Ethylene glycol diacetate SC-239960

**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).

<b>Classifica</b> Flammable			Category 4			
Label elements Signal word Hazard statements Symbols/Pictograms		Warning Combustible liquid				
Precautionary Statements - Prevention		Keep away from heat/sparks/open flames/hot surfaces. — No smoking Wear protective gloves/protective clothing/eye protection/face protection				
Precautionary Statements - Response Precautionary Statements - Storage Precautionary Statements - Disposal			IF exposed or concerned: 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			
Hazards not otherwise classified (HNOC) Hazards not otherwise classified (HNOC)			Not applicab	le		
Other Information Other hazards			Harmful to a	quatic life with	long lasting effects. Harmful to aqua	atic
NFPA	Health hazards Flammability Stability Physical and chemical properties	0 2 0		HMIS	Health hazards Flammability Physical hazards Personal protection	0 2 0 -

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

CAS No Molecular Weight Formula	111-55-7 146.14 C6H10O4			
Chemical name	CAS No. Weight-%	Oral   D50	Dermal I D50	Inhalation I C50

Chemical name	CAS NO.	Weight-%	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene glycol diacetate	111-55-7	>98	= 6850 mg/kg (Rat)	= 8480 µL/kg (Rabbit)	-
			•		

# 4. FIRST AID MEASURES

Most important symptom	a and offects, both courts and delayed	
Ingestion	Never give anything by mouth to an unconscious person. Clean mouth with water.	
	Remove to fresh air If breathing is difficult, give oxygen If not breathing, give artificia respiration	J
Inhalation	Remove to fresh air If breathing is difficult, give exugen If not breathing, give artificia	1
Skin Contact	Wash skin with soap and water.	
Eye contact	Wash with plenty of water.	
First Aid Measures General advice	Consult a physician if necessary. Remove to fresh air.	
First Aid Measures		

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

Symptoms 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	No information available.
Specific hazards arising from th	ne chemical
Specific hazards arising from the chemical	No information available.
Hazardous combustion products	Carbon oxides.
Explosion data	
Sensitivity to Mechanical Impact	No information available.
Sensitivity to Static Discharge	No information available.
Protective equipment and preca	autions for firefighters
Desta stilles a surfaces and an elementary stilles	A star second the second second starts and have starts as a second second starts as a MOLLA (NILOOLL

# Protective equipment and precautions As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (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.
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# Methods and material for containment and cleaning up

Methods for containment Methods for cleaning up Prevent further leakage or spillage if safe to do so. 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 hygione and safety practice

Advice on sale handling Handle in accordance with good industrial hygiene and salety practice.		
Conditions for safe storage, i	ncluding any incompatibilities	
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room	

Incompatible materials

temperature. 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 contro	Is			
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).			
	Managements at the second se			
Skin and Body Protection	Wear protective gloves and protective clothing.			
Respiratory protection	Wear protective gloves and protective clothing. 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.			

# 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	-41 °C
Boiling point	186 °C
Flash point	83 °C CC (closed cup)
Liquid Density	1.104 g/cm <sup>3</sup>
Evaporation rate	No information available
Upper flammability limits	8.4%
Lower flammability limit	1.6%

0.3 mmHg

5.05

Vapor pressure

Vapor density

Specific gravity	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	482 °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	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 InformationUnknown acute toxicityNo information availableThe following values are calculated based on chapter 3.1 of the GHS documentATEmix (oral)6850 mg/kgATEmix (dermal)8455 mg/kg

# **12. ECOLOGICAL INFORMATION**

Ecotoxicity

Harmful to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Ethylene glycol diacetate	-	90: 96 h Lepomis	-	-
111-55-7		macrochirus mg/L LC50		
		static		

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
Contominated posteraina	regulations.
Contaminated packaging	Do 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): China (IECSC) ENCS (Japan): Philippines (PICCS)

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Ethylene glycol diacetate	Х	Х	-	Х	-	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

## **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