

SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc. Revision date 11-Mar-2021 Version 1.2

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

Product identifier

Product Name Product Code Dabrafenib SC-364477

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

Reproductive toxicity Specific target organ toxicity (repeated exposure)

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)

Hazards not otherwise classified (HNOC)

Other Information

Other hazards

Category 2 Category 2

Warning Suspected of damaging fertility or the unborn child May cause damage to organs through prolonged or repeated exposure



Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Do not breathe dust/fume/gas/mist/vapors/spray IF exposed or concerned: Get medical advice/attention Store locked up Dispose of contents/container to an approved waste disposal plant

Not applicable

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



NFPA Health hazards 0 Flammability 1 Stability Physical and chemical properties + Chronic Health Hazards + Chronic Health Hazards + Chronic Health Hazards + Chronic Health Hazards + Chronic Health Hazard	0 1 0 -
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3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No	
Molecular Weight	
Formula	

519.56 C₂₃H₂₀F₃N₅O₂S₂

1195765-45-7

Chemical name	CAS No.	Weight-%	Oral LD50	Dermal LD50	Inhalation LC50
Dabrafenib	1195765-45-7	>98	-	-	-

4. FIRST AID MEASURES

First Aid Measures General advice Eye contact	Immediate medical attention is required. If symptoms persist, call a physician. 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. Call a physician
Skin Contact	immediately. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. If symptoms persist, call a physician. Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. If skin irritation persists, call a
Inhalation	physician. Immediate medical attention is required Remove to fresh air If not breathing, give artificial respiration Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation Move to fresh air in case of accidental inhalation of vapors If symptoms persist, call a
Ingestion	physician Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water. Clean mouth with water and drink afterwards plenty of water. Call a physician.
Self-protection of the first aider	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
Most important symptoms and	d effects, both acute and delayed

 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

Unsuitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. No information available.

Specific hazards arising from the chemical

Specific hazards arising from the No information available. chemical



 Hazardous combustion products
 Hydrogen sulfide. Hydrogen fluoride. Carbon oxides. Nitrogen oxides (NOx).

 Explosion data
 No information available.

 Sensitivity to Mechanical Impact
 No information available.

 No information available.
 No information available.

Protective equipment and precautions for firefighters

Protective equipment and precautions Wear self-contained breathing apparatus and protective suit. Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective Personal precautions	e equipment and emergency procedures Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.
Environmental precautions Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.
Methods and material for contain Methods for containment Methods for cleaning up	nment and cleaning up Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal. Use personal protective equipment as required. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Avoid creating dust. Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling Advice on safe handling	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation.
Conditions for safe storage, inc	luding any incompatibilities
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Store at -20 °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	Tight sealing safety goggles. Face protection shield.
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. Avoid contact with skin, eyes or clothing. Wash hands thoroughly
	after handling. Keep away from food, drink and animal feeding stuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Appearance	No information available
Odor	No information available
Property pH Melting point/freezing point Boiling point Flash point Liquid 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	Values No information available No information available 653.7 °C 349.2 °C 1.4 g/cm ³ No information available 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	Hydrogen sulfide. Hydrogen fluoride. Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION



Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.
Information on toxicolog	ical effects
Symptoms	No information available.
Delayed and immediate e	effects as well as chronic effects from short and long-term exposure
Chronic Toxicity	Prolonged or repeated exposure increases the risk. Possible risk of irreversible effects. Avoid repeated exposure.
Numerical measures of to Unknown acute toxicity	oxicity - Product Information No information available

12. ECOLOGICAL INFORMATION

Information on likely routes of exposure

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 wastes	Disposal should be in accordance with applicable regional, national and local laws and
	regulations.
Contaminated packaging	Do not reuse container.
Other Information	Waste codes should be assigned by the user based on the application for which the product
	was used.

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 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	Yes
Chronic Health Hazard	Yes
Fire hazard	No
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