

(-)-Arctiin: sc-202064



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product Name: (-)-Arctiin
Catalog Number: sc-202064
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255
(1-800-CHEMCALL) or call +613 9573 3112

Section 2 – Product Information

CASNumber: 20362-31-6
MDLNumber: Not available
ECNumber: Not available

Section 3 – Physical and Chemical Properties

Physical state: Powder
Color: White
Odor: Not available
Molecular Formula: C₂₇H₃₄O₁₁
Molecular Weight: 534.55
Freezing/MeltingPoint: Not available
Boiling Point: Not available
Flash Point: Not available
Autoignition Temperature: Not available
Refractive Index (n_D20): Not available
Density: Not available
DecompositionTemperature: Not available
Solubility: Not available

Section 4 – Hazards Identification

Eye: Causes eye irritation.
Skin: Causes skin irritation. Harmful if absorbed through the skin.
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Section 5 – First Aid Measures

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Get medical aid. Flush skin with plenty of water and soap. Get medical aid if irritation develops and persists.
Ingestion: Get medical aid immediately. Wash mouth out with water.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Section 6 – Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Materials to avoid:	Strong oxidizing agents.
Conditions to Avoid:	Incompatible materials.
Hazardous Decomposition Products:	Carbon oxides.
Hazardous Polymerization:	Has not been reported.

Section 7 – Handling and Storage

Handling:	Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.
Storage:	Store at -20° C, protect from light, keep package airtight when not in use.

Section 8 – Personal Protection

Eyes:	Wear appropriate protective eyeglasses.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 – Fire and Explosion Hazard Data

General Information:	As in any fire, wear a self-contained breathing apparatus (approved or equivalent) and protective clothing to prevent contact with skin and eyes.
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section 10 – Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Vacuum or sweep up material and place into a suitable disposal container.

Section 11 – Toxicological Information

RTECS#:	CAS#20362-31-6: Not available
LD50/LC50:	Not available.
Carcinogenicity:	Arctiin – Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Section 12 – Environmental information

Not available

Section 13 – Disposal Consideration

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14 – Transport Information

IATA:	This substance is considered to be non-hazardous for transport.
IMO:	This substance is considered to be non-hazardous for transport.
RID/ADR:	This substance is considered to be non-hazardous for transport.

Section 15 – Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:	Xn
Indication of Danger:	Harmful

Risk Phrases: R22: Harmful if swallowed.
Safety Phrases: S36: Wear suitable protective clothing and gloves.
WGK (Water Danger/Protection)
CAS# 20362-31-6: 3
Canada
CAS# 20362-31-6: Not available
US Federal
TSCA
CAS# 20362-31-6 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 – Additional Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

10/52010

Indication of Danger: Harmful