

SAFETY DATA SHEET

CYCLOHEXIMIDE

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179
Emergency Telephone No.: 1-905-466-3832
Chemical Name: Cycloheximide
Catalog Number: CYC003
Recommended use: for research purposes only

SECTION 2 HAZARDS IDENTIFICATION

Emergency overview:

GHS Classification:

Acute Toxicity, Oral (category 1)
Skin irritation (Category 2)
Germ cell Mutagenicity (Category 2)
Reproductive Toxicity (Category 1B)

Pictogram



Signal word: DANGER

Hazard statements:

H300 Fatal if swallowed.
H315 Causes skin irritation
H341 Suspected of causing genetic defects

Precautionary statement:

P201 Obtain special instructions before use
P264 wash hands thoroughly after handling
P281 Use personal protective equipment as required.
P301+P310 If swallowed: immediately call a POISON CENTER or doctor/physician
P308+P313 If exposed or concerned: Get medical advice/attention.

Potential health effects:

Inhalation: May be harmful if inhaled
Skin: May be harmful if absorbed through skin
Eyes: May cause eye irritation
Ingestion: Harmful if swallowed

HMIS Classification: Health Hazard: 3
NFPA: Health Hazard: 3

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	EC-No	%
Cycloheximide	66-81-9	200-636-0	100%

Molecular Formula: C₁₅H₂₃NO₄
Molecular Weight: 281.35

SECTION 4 FIRST AID MEASURES

VERY TOXIC

Eyes: Flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

Skin: Flush area immediately with plenty of soap and water.

Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. Get medical attention.

Ingestion: Wash mouth with water. Consult a physician. Immediately.

SECTION 5 FIRE FIGHTING MEASURES

General Information: Always wear full protective gear in the event of a fire. Toxic gases and vapors may be generated by decomposition or combustion. Excessive dust in combination with air can create an explosive mixture.

Flammable: No

Flash Point: N/A

Autoignition Temperature: N/A

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container. In the event of a fire always wear self-contained breathing apparatus, NIOSH/MSHA approved or equivalent.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container. Avoid generating dust.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Minimize dust generation. Use respirator. Use in fume hood

Storage Conditions: -20C.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed

Use adequate ventilation. Avoid dust generation..

Wear appropriate protective equipment to prevent eye and skin exposure.

Wear appropriate respirator to prevent lung irritation.

Personal Protection: Lab coat, safety goggles, rubber gloves.

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Ventilation: Use appropriate exhaust ventilation .
Respiratory protection: use OSHA/MSHA approved respirator.

DOT (US):
UN number: 2811
Class: 6:1
Packing Group: II
Proper Shipping Name: Toxic solids, organic, n.o.s. (Cycloheimide)
reportable Quantity: N/A
Marine Pollutant: No
Poison Inhalation Hazard: No

IMDG: not dangerous
UN number: 2811
Class: 6:1
Packing Group: II
Proper Shipping Name: Toxic solids, organic, n.o.s. (Cycloheimide)
Marine Pollutant: No

IATA:
UN number: 2811
Class: 6:1
Packing Group: II
Proper Shipping Name: Toxic solids, organic, n.o.s. (Cycloheimide)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Appearance and Odor: beige powder, no odor
Freezing/Melting Point: N/A
Boiling Point: N/A
Specific Gravity: N/A
Vapor Density: N/A
Solubility: N/A
pH: N/A

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal temperatures and pressure
Conditions to avoid: dust generation. Excess heat
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide,
Hazardous Polymerization: Will not occur

SECTION 15 REGULATORY INFORMATION

OSHA Hazards: Highly toxic by ingestion, irritant, Mutagen
Canada: WHMIS: D1A,D2A, D2B

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50 / LC50:
LD50 Oral, rat: 5mg/kg (one source)
Inhalation: no data available
Dermal: no data available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: Suspected of causing genetic defects.
Neurotoxicity: No data available
Mutagenicity: No data available
Carcinogenicity: No data available

SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)
Date Prepared: Dec 29/2021
Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product. Observe all federal, provincial and state laws concerning health, safety and pollution.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity:
No information found.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Information: