

Section 1: Identification

Product Name Colchicine USP
Commercial Name Not available
Product Use therapeutic: suppressant
Restrictions On Use Not available

Product Code 50-1895

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Germ cell mutagenicity Category 1B Acute Oral Toxicity Category 2
CFR 1910.1200

Signal Word DANGER

Hazard Statement(s) H300: Fatal if swallowed H340: May cause genetic defects

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P201: Obtain special instructions before use.
Response P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P308+P313:
IF exposed or concerned: Get medical advice/attention
Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Colchicine USP
% By Weight >97
CAS# 64-86-8
Molecular Weight 399.45 g/mole
Chemical Formula C₂₂H₂₅NO₆
Synonym(s) Acetamide, N-(5,6,7,9-tetrahydro-1,2,3,10-tetramethoxy-9-oxobenzo[a]heptalen-7-yl)

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Colchicine USP	64-86-8	>97	Not available.	Acute: 6 mg/kg [Mouse].

Section 4: First-Aid Measures

Inhalation	Remove from exposure, lie down, Move to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Immediate medical attention is required
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Immediate medical attention is required
Eye Contact	Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes
Ingestion	Call a physician or poison control center immediately. Clean mouth with water
Symptoms/Effects	
Acute	Bone marrow depression. Potent pharmacologically active material. Occupational exposure to small amounts may cause physiological effects
Delayed	Bone marrow depression. Potent pharmacologically active material. Occupational exposure to small amounts may cause physiological effects

Immediate Medical Attention

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO₂) Dry chemical and chemical foam

Unsuitable Extinguishing Media

No information available

Products of Combustion

Thermal decomposition can lead to release of irritating gases and vapors

Firefighters Special Equipment and Precautions

As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH approved or equivalent and full protective gear

Section 6: Accidental Release Measures

Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Wear self contained breathing apparatus or protective suit. Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not let this chemical enter the environment

Section 7: Handling and Storage

Precautions for safe handling: Do not breathe dust. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Do not ingest. Use only in area provided with appropriate exhaust ventilation Conditions for safe storage, including any incompatibilities Keep in a dry cool and well ventilated place. Keep container tightly closed. Keep away from direct sunlight. Keep locked-up

Section 8: Exposure Controls/Personal Protection

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Controls	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location
Personal Protection	Eye/face protection: Goggles Skin and Body protection: Wear appropriate protective gloves and clothing to prevent skin exposure Hand protection: Protective gloves Respiratory protection: Follow the OSHA respiratory regulations found in 29 CFR 1910.134 or European standard EN 149. Use a NIOSH/MSHA or European standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices

Section 9: Physical and Chemical Properties

Appearance	Light yellow Powder, Solid		
Odor	odorless		
Odor Threshold	N/A		
Melting Point	150-160°C/302-320°F	pH	5-6(0.5% aq solution)
Freezing Point	No information available	Vapor Pressure	N/A
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	N/A	Viscosity	N/A
Partition Coefficient: n-octanol/water	No information available	Evaporation Rate	N/A
Flash Point	N/A	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	N/A
Solubility(ies)	Soluble in Water 45g/L (20°C)		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	No information available
Chemical Stability	Light sensitive
Hazardous Polymerization	No information available
Conditions to Avoid	Exposure to light, incompatible products
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Nitrogen oxides (NOx) Carbon Monoxide (CO) Carbon Dioxide (CO2)

Section 11: Toxicological Information**RTECS** N/A**Acute Toxicity**

Colchicine: LD50 oral: 5866 micrograms/KG (mouse), 20000 micrograms/kg (Rat) L50 dermal: Information not available LC50 inhalation: Information not available

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

N/A

Respiratory or Skin Sensitization

No information available

Germ Cell Mutagenicity

R46-May cause heritable genetic damage

Carcinogenicity

There are no known carcinogenic chemicals in the product

Reproductive Toxicity

No information available

Routes of Entry

N/A

Symptoms Related to Exposure

N/A

Potential Health Effects

Not available.

Target Organ(s) N/a**Section 12: Ecological Information****Ecotoxicity**

Do not empty into drains

Persistence and Degradability

No information available

Bioaccumulative Potential

No information available

Mobility in Soil

No information available

Other Adverse Effects

No information available

Section 13: Disposal Considerations**Waste Disposal**

Dispose in accordance with all applicable regulations. Empty containers should be taken for local recycling, recovery, or waste disposal

Disposal of Container

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

IMDG/IM: UN No:1544 Hazard class:6.1 Packaging group:II Proper shipping name: Alkaloids, Solids, N.O.S ADR: UN No:1544

Hazard class:6.1 Packaging group:II Proper shipping name: Alkaloids, Solids, N.O.S IATA: UN No:1544 Hazard class:6.1

Packaging group:II Proper shipping name: Alkaloids, Solids, N.O.S

Section 15: Regulatory Information**Regulations**

TSCA, DSL, PICCS, CHINA, AICS

Other

Not available

Section 16: Other Information