



MATERIAL SAFETY DATA SHEET

www.britisscientific.com

Issue Date:

1- Chemical Product Information and Company Identification.

Product Name: : Thiocolchicoside according to EP.
Synonym: : 2-Demethoxy-2-glucosidoxythiocolchicine.
Product code: : BS14084.
CAS Number: : 602-41-5.
Company Name: : Briti Scientific.
Company Address: : Plot No:78/B/13, SY-79,Phase-VI, Jeedimetla,Hyderabad-500 055.
Telangana, India.

Section 2- Composition / Information on Ingredients.

CAS No.	Chemical Name	Mol. Formula
602-41-5.	2-Demethoxy-2-glucosidoxythiocolchicine.	C ₂₇ H ₃₃ NO ₁₀ S

Section 3- Hazards Identification.

Classification

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification under CLP according to (EC) 1272/2008

H302 Acute Tox. 4

H317 Skin Sens. 1

H335 STOT SE 3

H336 STOT SE 3

Label Elements

Label elements under CLP according to (EC) 1272/2008



Signal word: Warning.

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.



USA: #1004, Boston, Massachusetts, 02116, United States. India: Jeedimetla, Hyderabad-500 055, Telangana.

www.britisscientific.com



Precautionary statements

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: call a POISON CENTER/doctor/... IF you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P261: Avoid breathing dust.

P264: Do not breathe fume.

Hazards not otherwise classified (HNOC)

None identified

Section 4- First Aid Measures.

Skin contact: Consult a doctor. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Wash immediately with plenty of soap and water.

Eye contact: Consult a doctor. Bathe the eye with running water for 15 minutes.

Ingestion Consult a doctor. Do not induce vomiting. If conscious, give half a litre of water to drink immediately.

Transfer to hospital as soon as possible. Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible. Consult a doctor.

Most important symptoms and effects: No information available.

Notes to Physician: Treat symptomatically.

Section 5- Fire Fighting Measures.

Suitable Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

Advice for fire-fighters

Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Section 6- Accidental Release Measures.

Personal precautions, protective equipment and emergency procedures

Personal precautions

Do not create dust. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.





Methods and material for containment and cleaning up

Clean-up procedures

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Reference to other sections: Refer to section 8 of SDS.

Section 7- Handling and Storage.

Precautions for safe handling

Handling requirements

Avoid direct contact with the substance. Avoid the formation or spread of dust in the air. Do not handle in a confined space. Ensure there is sufficient ventilation of the area.

Conditions for safe storage, including any incompatibilities

Storage conditions

Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.

Specific end use(s)

No data available.

Section 8- Exposure Control/Personal Protection.

Control parameters

Workplace exposure limits

No workplace exposure limit control parameters set

Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter. Self- contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Ensure eye bath is to hand. Safety glasses.

Skin protection: Protective clothing.

Section 9- Physical and Chemical Properties.

Appearance: White powder to crystal.

Odor: No information available.

Odor Threshold: No information available.

pH: No information available.

Melting Point/Range: 220 °C.

Boiling Point/Range: No information available.

Flash Point: No information available.





Evaporation Rate:	No information available.
Flammability (solid,gas):	Not applicable.
Flammability or explosive limits:	
Upper	No information available.
Lower	No information available.
Vapor Pressure:	No information available.
Density:	1.5 g/cm ³ .
Solubility:	Soluble in water.
Partition coefficient; n-octanol/water:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	No data available.
Molecular formula:	C ₂₇ H ₃₃ NO ₁₀ S.
Molecular Weight:	563.62 g/mol.

Section 10- Stability and Reactivity.

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions

Decomposition may occur on exposure to conditions or materials listed below. Hazardous reactions will not occur under normal transport or storage conditions.

Conditions to avoid: Heat.

Incompatible materials

Materials to avoid: Strong acids, Strong oxidising agents

Section 11- Toxicological Information.

Acute Toxicity

Product Information: No acute toxicity information is available for this product.

Toxicologically Synergistic Products: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: Sensitization, Skin (Category 1).

Sensitization: No information available.

Mutagenic Effects: No information available.

Reproductive Effects: No information available.

Developmental Effects: No information available.

Teratogenicity: No information available.

STOT - single exposure: Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3).

STOT - repeated exposure None known





Aspiration hazard: No information available.

Symptoms / effects, both acute and delayed: No information available.

Endocrine Disruptor Information: No information available.

Other Adverse Effects: The toxicological properties have not been fully investigated.

Section 12- Ecological Information.

Ecotoxicity: No information available

Persistence and Degradability: Biodegradable.

Bioaccumulation/ Accumulation: No information available.

Mobility in soil: Readily absorbed into soil.

Section 13- Disposal Considerations.

Waste Disposal Methods: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14- Transport Information.

DOT: Not regulated.

TDG: Not regulated.

IATA: Not regulated.

IMDG/IMO: Not regulated.

Section 15- Regulatory Information.

Legend:

TSCA - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

TSCA 12(b) - Notices of Export: Not applicable.

U.S. Federal Regulations

SARA 313: Not applicable.

SARA 311/312: Hazard Categories See section 2 for more information.

CWA (Clean Water Act): Not applicable.

Clean Air Act: Not applicable.

OSHA - Occupational Safety and

Health Administration: Not applicable.

CERCLA: Not applicable.

California Proposition 65: This product does not contain any Proposition 65 chemicals





Section 16- Other Information.

Briti Scientific provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

