

1 - Product and Company Information

ProductName 5ALPHA-CHOLESTANE-3BETA,5,6BET - 250 MG
A-TRIOL

2 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Harmful by inhalation, in contact with skin and if swallowed.
Harmful: possible risk of irreversible effects through inhalation,
in contact with skin, and if swallowed.

3 - Composition/Information on Ingredients

Product Name	CAS #	EC no	Annex I
CHOLESTANE-3B,5A,6B-TRIOL	1253-84-5	None	None
Ingredient Name	Percent	CAS #	EC no
THE FOLLOWING SUBSTANCES ARE PRESENT AS RESIDUAL COMPONENTS OF PRODUCTION.		None	None

METHANOL <= 4 67-56-1 200-659-6 603-001-00-X

Symbols: F-T

R-Phrases: 11-23/24/25-39/23/24/25

Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

Formula C27H48O3
Molecular Weight 420.7 AMU
Synonyms Cholestan-3,5,6-triol, (3-beta,5-alpha,6-beta)-
(9CI) * 5-alpha-Cholestan-3-beta,5,6-beta-triol
(8CI) * 5-alpha,6-beta-Dihydroxycholestanol *
3-beta,5-alpha,6-beta-Trihydroxycholestan

4 - First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If not breathing give
artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT

In case of skin contact, flush with copious amounts of water for
at least 15 minutes. Remove contaminated clothing and shoes.

Call a physician.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for
at least 15 minutes. Assure adequate flushing by
separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is
conscious. Call a physician immediately.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or
appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

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

6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and
heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid
raising dust. Ventilate area and wash spill site after material
pickup is complete.

7 - Handling and Storage

HANDLING

Directions for Safe Handling: Avoid contact with eyes, skin, and
clothing.

STORAGE

Conditions of Storage: Keep container closed. Keep away from
heat and open flame.

8 - Exposure Controls / Personal Protection

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

EXPOSURE LIMITS

Country	Source	Type	Value
Poland		NDS	100 MG/M3
Poland		NDSCh	300 MG/M3
Poland		NDSP	-

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and
approved under appropriate government standards such as NIOSH (US)
or CEN (EU). Use supplied-air or SCBA respirators. Europe permits
the use of type AXBEK full-face cartridge respirators (EN 14387).
Special Protective Measures: Wear appropriate government approved
respirator, chemical-resistant gloves, safety goggles, other
protective clothing.

9 - Physical and Chemical Properties

Appearance Physical State: Solid

Property Value At Temperature or Pressure

pH N/A

BP/BP Range N/A

MP/MP Range N/A

Flash Point N/A

Flammability N/A

Autoignition Temp N/A

Oxidizing Properties N/A

Explosive Properties N/A

Explosion Limits N/A

Vapor Pressure N/A

Partition Coefficient N/A

Viscosity N/A

Vapor Density N/A

Saturated Vapor Conc. N/A

Evaporation Rate N/A

Bulk Density N/A

Decomposition Temp. N/A

Solvent Content N/A

Water Content N/A

Surface Tension N/A

Conductivity N/A

Miscellaneous Data N/A

Solubility N/A

10 - Stability and Reactivity

STABILITY

Stable: Stable.

Materials to Avoid: Acids, Acid chlorides, Acid anhydrides, Alkali
metals, Oxidizing agents, Reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

11 - Toxicological Information

RTECS NUMBER: FZ6275000

ACUTE TOXICITY

LD50

Intraperitoneal

Mouse

130 MG/KG

Remarks: Behavioral: Muscle weakness.

Gastrointestinal: Hypermotility, diarrhea.

SIGNS AND SYMPTOMS OF EXPOSURE

May cause convulsions. Gastrointestinal disturbances.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May cause eye irritation through absorption.

Eye Contact: Material may be irritating to mucous membranes and
upper respiratory tract. Harmful if inhaled.

Ingestion: Harmful if swallowed.

TARGET ORGAN INFORMATION

Heart, Eyes, Kidneys, Liver.

CHRONIC EXPOSURE - MUTAGEN

Hamster

1100 UG/L

Cell Type: Lung

Cell Inhibition

12 - Ecological Information

No data available.

13 - Disposal Considerations

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

14 - Transport Information

RID/ADR: Non-hazardous for road transport.

IMDG: Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

15 - Regulatory Information

CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

HARMFUL: Xn

R-PHRASES: 20/21/22-68/20/21/22

Harmful by inhalation, in contact with skin and if swallowed.

Harmful: possible risk of irreversible effects through
inhalation, in contact with skin, and if swallowed.

S-PHRASES: 36

Wear suitable protective clothing.

Caution: Substance not yet fully tested (EU).

COUNTRY SPECIFIC INFORMATION

Germany

WGK: 1

Self-Classification

16 - Other Information

For R&D use only. Not for drug, household or other uses.

WARRANTY: The above information is believed to be correct but does not purport to be all inclusive and shall be

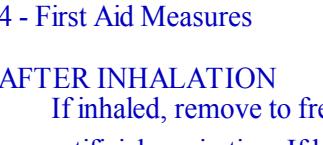
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