

1 - Product and Company Information

ProductName5ALPHA-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	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.

FormulaC27H48O3  
Molecular Weight420.7 AMU  
SynonymsCholestane-3,5,6-triol, (3-beta,5-alpha,6-beta)-  
(9CI) \* 5-alpha-Cholestane-3-beta,5,6-beta-triol  
(8CI) \* 5-alpha,6-beta-Dihydroxycholestanol \*  
3-beta,5-alpha,6-beta-Trihydroxycholestone

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: Harmful if absorbed through skin.  
Eye Contact: May cause eye irritation.  
Inhalation: 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: Embryo  
Morphological transformation.

Hamster  
12 UMOL/L  
Cell Type: lung  
DNA inhibition

12 - Ecological Information

No data available.

13 - Disposal Considerations

SUBSTANCE DISPOSAL

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.

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

INDICATION OF DANGER: Xn  
Harmful.  
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



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WARRANTY:

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