

DS	SAFETY DATA SHEET			
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PANTESINOL

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1 - IDENTIFICATION

Product Name: PANTESINOL
Recommended Uses: Cosmetic additive
Manufacturer/Supplier: BIOALKEMIA
 7715 NW 56 ST
 DORAL, FL 33166
Phone Number: +1-305-499-9572
Fax Number: +1-305-499-9577
Emergency Phone Number: 800-255-3924
 +01 813-248-0585 (International calls)

2 - HAZARD IDENTIFICATION

Classification (GHS): Not a hazardous substance or mixture.
Physical: No applicable
Health: No applicable
Environmental: No applicable
Labeling (GHS):
Signal Word: None
Pictogram / Symbols: None
Hazard Statements: No applicable
Safety Precautions: No applicable
Supplemental Hazard Information:

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: MIXTURE
Chemical Identity (Mixture): Silanetriol (and) Panthenol

Chemical Name	CAS N°	EC N°	REACH N°	%
Panthenol	81-13-0	201-327-3		
Silanetriol	2445-53-6	219-489-9		

Classified Additives and/or Impurities:	CAS N°	EC N°	REACH N°	%
Phenoxyethanol	122-99-6	204-589-7		1.0
Sodium benzoate	532-32-1	208-534-8		0.2

4 - FIRST-AID MEASURES

Skin Contact: Remove contaminated clothing and shoes. Wash exposed skin with large amounts of water for at least 15 minutes. Wash contaminated clothing and shoes before reuse. Seek medical attention if irritation or discomfort persists.
Eye Contact: Flush eyes with plenty of water for at least 15 minutes keeping eyelids open. Remove contact lenses if applicable. Seek an ophthalmologist if irritation persists.
Ingestion: Rinse victim mouth with water. Do not induce vomit. Do not give anything orally to an unconscious person.
Inhalation: Remove victim to fresh air. Seek medical attention if discomfort or irritation occurs.
Acute Effects: None Known
Delayed Effects: None known

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5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Fire Fighting Procedures:	Wear self-contained breathing apparatus for firefighting if necessary.
Specific Hazards in Case of Fire:	Self-contained breathing apparatus with positive pressure and protective clothing
Special Protective Actions for Fire-Fighters:	Carbon oxides, nitrogen oxides (NOx)
Additional Information	Cool closed containers with water. Burning may produce carbon monoxide and/or carbon dioxide and/or nitrogen oxides. Carbon monoxides are highly toxic when inhaled. Carbon dioxide t high concentration may be asphyxiating. Overexposure to combustion product can result in respiratory organs irritation.

6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions and Emergency Procedures:	Remove all sources of ignition. Prevent sparks or flames.
Protective Equipment:	Industrial uniform, safety glasses and gloves.
Environmental Precautions:	Prevent spill to reach water courses and sewage. Do not throw directly into the environment or the sewer system. In case of leaks and spills in large proportions, report Civil Defense and local environment agency.
Methods and Materials for Containment and Cleaning Up:	Use natural barrier or containment of spillage. Absorb with dry sand, sawdust, earth or other inert material. Place the adsorbed material in proper containers and remove them to safe place. Assign contaminated material to appropriate treatment.

7 - HANDLING AND STORAGE

Precautions for Safe Handling:	Work in ventilated area. Check if packaging is not leaking. Avoid contact with eyes, skin and clothing. Use PPE specified in section 8. Do not eat, drink or smoke while handling product. Wash hands thoroughly before eating, drinking, smoking or using the toilet. Contaminated clothing should be changed and washed before reuse.
Conditions for Safe Storage:	Keep the product in its original container in a cool, dry area and protected from direct sunlight. Do not store at temperature below 0C.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Occupational Exposure Limits:

Component	CAS N°	Reference	STEL Value	Unit	TWA Value	Unit

Biological Limits:

Component	CAS N°	Reference	Value	Unit	Additional Information

Appropriate Engineering Controls:

Individual Protection Measures and Personal Protective Equipment (PPE): Emergency eye washer and safety shower.

Eye/Face Protection: Safety goggles and mask. Avoid contact lenses

Skin Protection: Protective clothing

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Respiratory Protection: Equipment for respiratory protection against fumes, filter. Provide property ventilation combined with exhaustion in case that the health of the worker has risks.

Thermal Hazards:

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless, slightly yellowish, slightly opalescent liquid
Odour:	Odorless
Color:	Colorless to yellowish
pH:	4.5-6.5
Melting Point/Freezing Point :	No applicable
Initial Boiling Point / Boiling Range:	No applicable
Flash Point:	>100C
Evaporation Rate:	No applicable
Flammability:	Non flammable
Upper/Lower Flammability or Explosive Limits:	No applicable
Vapour Pressure:	No applicable
Vapour Density:	No applicable
Relative Density:	About 1 g/cm ³
Solubility:	Soluble in water, alcohols and glycols. Insoluble in esters, vegetable and mineral oils.
Partition Coefficient: N-Octanol/Water:	No applicable
Auto-Ignition Temperature:	No applicable
Decomposition Temperature:	No applicable
Microbiology	No applicable
Bacteria:	Max. 100 CFU/g
Mold:	Max. 100 CFU/g

10 - STABILITY AND REACTIVITY

Reactivity:	Non-reactive.
Chemical Stability:	Stable between pH 4 and 7, otherwise risks of polymerization.
Possibility of Hazardous Reactions:	None if product is stored and handled properly
Conditions to Avoid:	Temperature below 0C.
Incompatible Materials:	No reference
Hazardous Decomposition Products:	Burning may produce carbon monoxide and/or carbon dioxide and/or nitrogen oxides. Carbon monoxides are highly toxic when inhaled. Carbon dioxide t high concentration may be asphyxiating. Overexposure to combustion product can result in respiratory organs irritation.

11 - TOXICOLOGICAL INFORMATION

Acute Toxicity:	DL50>20 ml/kg Slightly irritant to eyes
Skin Corrosion/Irritation:	There is no reference
Respiratory or Skin Sensitization:	There is no reference
Germ Cell Mutagenicity:	There is no reference
Carcinogenicity:	Not available
Reproductive Toxicity:	Not available
Specific Target Organ Toxicity Single Exposure:	No adverse health effects on target organs expected
Specific Target Organ Toxicity, Repeated Exposure :	No adverse health effects on target organs expected
Aspiration Hazard:	Not available

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Routes of Exposure:	Not available
Signs and Symptoms Related to the Overexposure:	Not available
Delayed and Immediate Effects, Short/ Long Term Exposure:	Not available
Chronic Effects, Short/Long Term Exposure:	No expected chronic effects
Interactive Effects:	No data available
Medical Conditions Aggravated By Exposure:	No data available

12 - ECOLOGICAL INFORMATION

Eco-Toxicity:	There is no reference
Persistence and Degradability:	There is no reference
Bio-Accumulative Potential:	There is no reference
Mobility In Soil:	There is no reference
Other Adverse Effects:	None

13 - DISPOSAL CONSIDERATIONS

Disposal methods: Do not dump into the environment. Packaging must not be reused. Plastic material should be recycled or incinerated.

Recommended European Waste Code:

Note: The user's attention is drawn to the possible existence of specific national or local regulations regarding disposal

14 - TRANSPORT INFORMATION

UN Number:	Not classified as hazardous for transportation
UN Proper Shipping Name:	Not classified as hazardous for transportation
Transport Hazard Class(es):	Not classified as hazardous for transportation
Packing Group:	None
Labels Required:	None
Land Transport ADR/RID:	Not regulated
Maritime Transport IMDG:	Not regulated
Air Transport IATA:	Not regulated

15 - REGULATORY INFORMATION

Symbols and indications of danger:	No classified as hazardous
R phrases:	None
S phrases:	None
Inventory Status:	None

16 - OTHER INFORMATION

National Fire Protection Association (NFPA) Ratings:

(This information is intended solely for the use of individuals trained in the NFPA system.)

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Health: 0
Flammability: 0
Reactivity: 0
Specific Hazard:

Disclaimer: The information supplied on this Safety Data Sheet complies with our current level of knowledge at the updating day and it is given in good faith. This SDS is complementary to the technical usage documents but does not replace them. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The properties and details included in this SDS only describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product. The product must not be used for purposes different from those mentioned in chapter 1.