

MATERIAL SAFETY DATA SHEET

Chemical Product

Product Name : WOOL ALCOHOL Extra Pure

CAS#: 8049-22-7

C.I. No.: Not available.

Synonym : Lanolin alcohol.

Chemical Name: WOOL ALCOHOL Extra Pure

Chemical Formula: Not available.

Composition and Information on Ingredients

Substances: Lanolin alcohol.

Description: Mixture of alcohols like Cholesterol and Lanosterol. The refined unsaponifiable parts of Lanolin.

Name	S.K.U	% by Weight
WOOL ALCOHOL	GCS-7137	100

Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Other hazards : No hazardous effects on health and environment known.

First Aid Measures

Description of first aid measures

After eye and skin contact flush off with water.

After inhalation, move to fresh air. Consult a doctor, if feeling unwell.

After ingestion, rinse mouth. If ingestion of a large amount does occur, call a poison control center or consult a doctor.

Most important symptoms and effects, both acute and delayed

After ingestion: gastrointestinal disorder

Indication of any immediate medical attention and special treatment needed

If problems resist, consult a physician.

Fire and Explosion Data

Extinguishing media

Foam, CO₂, extinguishing powder

Special hazards arising from the substance or mixture

No data available

Advice for firefighters

Water is as extinguishing media unsuitable.
Use air supplied equipment for fighting interior fires.

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

None

Environmental precautions

Keep away in larger quantities from bodies of water or sewage systems.

Methods and material for containment and cleaning up

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Handling and Storage

Precautions for safe handling

No special requirements.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Do not store in rooms with sprinkler system. Specific end use(s)

No data available

Exposure Controls/Personal Protection

Control parameters: Does not contain substances with maximum allowable concentrations.
Exposure controls : General industrial hygiene practice.

Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance Form	: Wax.
b) Odour	: Characteristic.
c) Odour threshold	: No data available.
d) pH	: Neutral.
e) Melting point/freezing point (EP)	: 45 - 55 °C (Cosm.)/ 58 - 75 °C
f) Initial boiling point and boiling range	: 220 - 420 °C .
g) Autoignition temperature	: No data available.

h) <u>Flammability (solid, gas)</u>	: No data available.
i) <u>Upper/lower flammability or explosive limits</u>	
j) <u>: No data available.</u>	
k) <u>Flash point [°C]</u>	: No data available.
k) <u>Evaporation rate</u>	: No data available.
<u>Vapour pressure</u>	: Approx. 3.6 mbar
l) <u>Vapour density</u>	: No data available.
m) <u>g/ml (Cosm.)/ 0,910 g/ml (EP)</u>	<u>Relative density,</u> : 0,872
n) <u>Solubility in water</u>	: Approx. 0.1 - 0.4 mg/l
o) <u>Viscosity</u>	: 21.4 mm ² /s (Cosm.)/ 68.8 mm ² /s (EP)
p) <u>Explosive properties</u>	: No data available.
q) <u>available.</u>	<u>Oxidising properties</u> : No data available.
r) <u>Decomposition temperature</u>	: No data available.
s) <u>Autoignition temperature</u>	: No data available.
<u>Molecular Weight</u>	: No data available.

Stability and Reactivity Data

Reactivity : No data available.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : No dangerous reactions known.

Conditions to avoid : Exposure to oxygen and heat may affect product quality.

Incompatible materials : Strong oxidizing agents.

Hazardous decomposition products

Other decomposition products - No hazardous decomposition products known.

Toxicological Information

Information on toxicological effects

a) Acute toxicity:

LD50 (rat, oral) > 16 g/kg

LD50 (rat, skin) > 2 g/kg

b) Skin corrosion/irritation: No to mild, transient skin irritation.

c) Serious eye damage/eye irritation: No eye corrosion or irritation.

Respiratory or skin sensitization: Incidence of lanolin allergy in the general population has been estimated to be no more than

5.5 (± 4.2) cases per million people.

d) Germ cell mutagenicity: No data available

e) Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

f) Reproductive toxicity: NOAEL (rat, oral) > 1g/kg/day

g) Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available.

Ecological Information

Toxicity: Water hazard class: I (acc. VwVwS dd. 02.08.1999)

Persistence and degradability : 39 % degradation after 28 days and therefore cannot be considered to be readily biodegradable under the strict terms and conditions of OECD Guideline No 301B.

Bioaccumulative potential : No data available

Mobility in soil : No data available

Results of PBT and vPvB assessment : No data available

Other adverse effects : No data available

Disposal Considerations

Waste treatment methods

Dispose of according to local, state and federal regulations. Burning or deposition.

Transformation Information

Land transport (ADR-RID)

General information: Not regulated.

Sea transport (IMDG) [English only]

General information: Not regulated.

Air transport (ICAO-IATA) [English only]

General information: Not regulated.

Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

None.

Chemical Safety Assessment

None.

Additional Information

References: Not available.

Other Special Considerations: Not available.

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