

# EC Material Safety Data Sheet according to 91/ 155/ EWG

## 1 Substance/ preparation and company designation

Trade name : **AlproSept**  
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## 2 Composition/ information to ingredients

Chemical name : <1% tert. alkylamines and quarternary alkylammoniumpropionate in alcoholic mixture.  
Product type : Disinfectant  
Application : Handdisinfectant

<u>Dangerous substances contained:</u>	<u>Content</u>	<u>Code letter</u>	<u>Warning</u>
1-propanol	30-50%	F	R11
Ethanol	5-15%	F	R11
2-propanol	1-5%	F	R11
QAV	< 0,5%	C	R22, R34

## 3 Possible dangers

R10 inflammatory  
If used as directed there is no particular danger.

## 4 First aid measures

Eyes : Immediately rinse with copious amounts of water for some minutes. Consult a physician.  
Inhalation : If handled carefully and used as directed there is no danger or consult a physician.  
Skin : Immediately wash off with soap under running cold water.  
Ingestion : Rinse mouth and drink copious amounts of water afterwards. Consult a physician.

## 5 Fire-fighting measures

The closed container can develop overpressure with higher temperature. For this reason, in order to protect persons and for cooling of containers in critical situations sprinkle with water. Stop the leak of inflammable liquids.

Suitable extinguishing means : Water, foam, CO<sub>2</sub>, dry chemicals  
Unsuitable extinguishing means : -

## 6 Measures in case of accidental release

Precautions for persons	: Avoid open fire and/ or other sources of fire.
Precautions for environmental care	: After spill/ leak/ gas blow-out cover with inorganic binding agents. Disposal like under point 13.
Methods for cleaning up	: Take up with binding agents and take to approved refuse containers.

## 7 Storage and handling

Storage	: Product should be stored at a dry and cool place, if possible in full, airtight containers.
Work hygiene, handling	: Well aired and cool rooms, in approved containers (e.g. varnished inside or made of high-grade steel).

## 8 Exposure controls and personal protection

Breath protection	: If handled with care not necessary.
Eye protection	: Safety goggles
Hand protection	: Chemically resistant protective gloves are recommended.
Body protection	: Usual protection suit
Ventilation	: Well aired, cool rooms

## 9 Physical and chemical characteristics

Appearance	: liquid
Colour	: colourless
Smell	: typical
pH-factor (100 g/ L H <sub>2</sub> O)	: 7,0 - 8,0 (20 °C)
Boiling point/ range	: -
Melting point/ range	: -
Flash point (DIN,TRbF)	: + 23 °C
Danger classification	: A II
Inflammability	: -
Self-inflammability	: > 400°
Explosive properties	: 2 - 20 vol %
Oxidizing properties	: -
Vapor pressure	: < 100 mbar (20 °C)
Specific gravity	: 0,860 – 0,890 g/ cm <sup>3</sup> (20 °C)
Bulk density	: -
Solubility in water	: soluble
Solubility in ethanol	: soluble
Solubility in hexane	: insoluble
Partition coefficient	: - (n-octanol/ water)
Viscosity	: - (20 °C) mPa.s=cP
Refractive index: n <sub>D</sub>	: 1,3741-1,3775 (20 °C)
Optical rotation α <sub>D</sub>	: -
Electrical conductivity	: 120 – 200 μS/cm (20 °C)

## 10 Stability and reactivity

Thermic decomposition : Keep away from sources of fire, avoid warming up.  
Dangerous decomposition products : -  
Dangerous polymerization : -  
Dangerous reactions : -  
Storage stability : -

## 11 Toxicological information

LD 50, oral, rat : > 5000 mg/Kg  
Further information : -  
LD 50, dermal, rabbit : -

## 12 Ecological information

Biodegradability : -  
Precautions : Prevent contamination of air and ground and also of ground- and surface water.

## 13 Refuse disposal method

According to the legal federal state or local regulations.

## 14 Information for transport

UN-Number : 1987  
GGVSee/ IMDG-Code : 3.3, Page 3303, MFAG Table No. 305 EmS No. 3/06  
ICAO/ IATA-DGR : 1987/3 PG: III  
GGVE/ GGVS : 3 Zi 31 c  
RID/ ADR : 3 Zi 31 c

## 15 Regulations

Label : **AlproSept**  
Mark as per GefStoffV : R 10 inflammatory

## 16 Other data

The above information is given according to the best of our knowledge and belief. The data is partially taken from the literature (different sources).

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