

## SAFETY DATA SHEET

### 1. Identification of the substance / preparation and company.

#### 1.1 Product identifier

Trade name Terraseptol

REACH Registration Number A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Hand disinfection

#### 1.3 Information provided by Terramak

Responsible department: e-mail: info@terramak.de

#### 1.4 Emergency telephone: +49 6131 19240

### 2. Hazard identification

#### 2.1 Classification of the substance or the mixture (EG 1272/2008)

Flammable liquid, Kategorie 2, H225

For the full text of H-sentences mentioned in this Section, see Section 16

For the full text of R-sentences mentioned in this Section, see Section 16

#### 2.2 GHS-Labeling

GHS-Labeling Labelling (REGULATION (EC) No 1272/2008) (EG 1272/2008) Hazard pictograms:



Signal word:  
DANGER

Hazard statements:

H225 Highly flammable liquid and vapour.

Precautionary statements:

P210 Keep away from heat, sparks, open flames, hot surfaces.No smoking.

Reduced labelling Hazard pictograms:







**3. Composition / Information on ingredients.****3.1 Substance**

Not applicable

**3.2 Mixture**

Hazardous Ingredients:

Name according to EC directives:

Component	Identificator	Gew.-%	Einstufung gem. GHS
Ethanol	Cas-No.64-17-5 EG-No.200-578-6 Index-No.603-002-00-5 REACH-Reg.No.01-2119457810-43	80	Flam. Liq. 2/H225) Eye Irrit. 2/H319  
Butan-2 on	Cas-No. 78-93-3 EG-No. 201-159-0 Index-No. 606-002-00-3 REACH-Reg.No. 01-2119457290-43	0,8	Flam. Liq. 2/H226) Eye Irrit. 2/H319 STOT SE 3 / H 336  
Glycerol	Cas-No. 56-81-5 EG-No.200-289-5	0,7	
Lavendelöl	Cas-No. 8000-28-2 EG-No.289-995-2	0,1	Skin Irrit. 2/H315 Ski Sens. 1/H317 Asp Tox.1 /H304 Aquatic Chronic/H412
Aloe Vera		0,4	
Volentsalztes Wasser		18	

**4. First aid measures.****4.1 Description of first aid measures:****General advice**

First-aid personnel: ensure self-protection!

After inhalation: Fresh air.

After contact with skin: None

After contact with eyes: Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Immediately call an ophthalmologist.

After ingestion: Never give anything by mouth to an unconscious person. Immediately make victim drink water (two glasses at most). Call in physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

## **5. Fire fighting measures.**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Use dry chemical or carbon dioxide.

#### **Unsuitable extinguishing media**

Do not use water. Cool container with spray water from a safe distance. Prevent fire-fighting water from entering surface water or groundwater.

### **5.2 Special hazards arising from substance or mixture**

Combustible. Vapours heavier than air. Forms explosive mixtures with air at ambient temperatures. Development of hazardous combustion gases or vapours possible in the event of fire.

### **5.3 Advice for firefighters**

Do not stay in dangerous zone without self-contained breathing apparatus.

### **5.4 Further information**

no data available

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## **6. Accidental release measures.**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

For personal protection see section 8.

### **6.2 Environmental precautions**

Do not allow to enter sewerage system; risk of explosion!

### **6.3 Methods and materials for containment and cleaning up**

Absorb on vermiculite, sand or a pillow from Chemical Spill Center.

### **6.4 Reference to other sections**

For disposal see section 13.

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## **7. Handling and storage.**

### **7.1 Precautions for safe handling**

Use non sparking tools.

For precautions see section 2.2

### **7.2 Conditions for safe storage, including any incompatibilities**

Closed in a well ventilated place.

Recommended storage temperature see product label.

### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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## **8. Exposure controls - Personal protection.**

### **8.1 Control parameters**

### **8.2 Exposure controls**

#### **Engineering measures**

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

See section 7.1



**Individual protection measures**

Not required.

**Respiratory protections**

Required when vapours/aerosols are generated.

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

**Eye protection**

Required.

**Hand protection**

Not required.

**Body protection**

Not required.

**Environmental exposure controls**

Do not allow to enter sewerage system; risk of explosion!

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**9. Physical and chemical properties.****9.1 Information on basic physical**Appearance

Form: liquid  
Colour: colourless  
Odour: alcoholic

Changes in physical state

Melting Point: -Boiling 117°C  
point: 78°C  
Flash point: 21°C  
Ignation temperature: 370°C  
Mol. Weight: -  
Density: 0.85 g/ml  
pH value: -  
Solubility in water: soluble  
Explosion limits: lower 2 vol% / upper 12.0 vol%

**9.2 Other data**

No further relevant information available.

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**10. Stability and reactivity.****10.1 Reactivity**

See section 10.3

**10.2 Chemical stability**

No further relevant information available.

**10.3 Possibility of hazardous reactions**

Stable / avoid contact with oxidizing products.

**10.4 Conditions to avoid**

No further relevant information available.

**10.5 Incompatible materials**

**Hazardous decomposition products**  
No further relevant information available.

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## **11. Toxicological information.**

### **11.1 Information on toxicological effects**

Acute oral toxicity

LD50 orl. rat 6200 mg/kg

Acute inhalation toxicity

No further relevant information available.

Acute dermal toxicity

No further relevant information available.

Skin irritation

No further relevant information available.

Eye irritation

No further relevant information available.

Sensitisation

No further relevant information available.

Germ cell mutagenicity

No further relevant information available.

Carcinogenicity

No further relevant information available.

Reproductive toxicity

No further relevant information available.

Teratogenicity

No further relevant information available.

Specific target organ toxicity - single exposure  
No further relevant information available.

Specific target organ toxicity - repeated exposure  
No further relevant information available.

Aspiration hazard

No further relevant information available.

### **11.2 Further information**

No further relevant information available.

Further data:

Handle in accordance with good industrial hygiene and safety practice..

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## **12. Ecological information.**

### **12.1 Toxicity**

No further relevant information available.

### **12.2 Persistence and degradability**

No further relevant information available.

### **12.3 Bioaccumulative potential**

No further relevant information available.

#### 12.4 Mobility in soil

No further relevant information available.

#### 12.5 Results of PBT and vPvB assessment

No further relevant information available.

#### 12.6 Other adverse effects

No ecological problems are to be expected when the product is handled and used with due care and attention

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### 13. Disposal considerations.

Product: Chemicals must be disposed of in compliance with the respective national regulations. Packaging: Chem-lab product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system.

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### 14. Transport information.

#### Land Transport (ADR/RID)

14.1 UN number	UN 1987
14.2 Proper shipping name 14.3	Flammable liquid, n.o.s.
Class	3
14.4 Packing group	II
14.5 Environmentally hazardous	-
14.6 Special precautions for user	no
Tunnel restriction code	(D/E)

#### Inland waterway transport (ADN)

Not relevant

#### Air Transport (IATA)

14.1 UN number	UN 1987
14.2 Proper shipping name 14.3	Flammable liquid, n.o.s.
Class	3
14.4 Packing group	II
14.5 Environmentally hazardous	-
14.6 Special precautions for user	no

#### Sea Transport (IMDG)

14.1 UN number	UN 1987
14.2 Proper shipping name 14.3	Flammable liquid, n.o.s.
Class	3
14.4 Packing group	II
14.5 Environmentally hazardous	-
14.6 Special precautions for user	no

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

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### 15. Regulatory information.

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

For this product an assessment was not carried out.

#### 15.2 ~~Classification~~ ~~Safety Assessment~~ ~~Assessment~~ was not carried out.

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### 16. Other information.

The information and recommendations in this MSDS are to the best of our knowledge, information and belief accurate and complete at the time of publication. The publisher cannot

at the date of publications. Although utmost care has been taken in the composition of this text, the publisher cannot be held responsible for any damage resulting from any possible error in this publications.

Full text of H-Statements referred to under sections 2 and 3.

H225 Highly flammable liquid and vapour.

H271 May cause fire or explosion; strong oxidiser.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.