

# Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : SportHygienic 125 ml  
Revision : 08.05.2009 Version : 1.0.0  
Print date : 08.05.2009

## 01. Identification of the substance/preparation and of the company/undertaking

Product name : SportHygienic 125 ml (22121)  
Use of the substance / preparation : Coating  
Manufacturer/Supplier : HOLMENKOL AG  
Street/P.O.Box : Wernher-von-Braun-Str. 3  
Country code/Postal code/Town/City : D-71254 Ditzingen-Heimerdingen  
Telephone : +49 (0)7152 6101-0  
Telefax : +49 (0)7152 6101-119  
Emergency information : +49 (0)30-19240, Internat. INFOTRAC +1 3523233500  
Contact : sdb@holmenkol.com

## 02. Hazards identification

Hazard designation  
Extremely flammable.  
Classification : F+ ; R 12

## 03. Composition/information on ingredients

### Hazardous components

BUTANONE ; EC-No. : 201-159-0; CAS-No. : 78-93-3

Percentage : 1 - 5 %  
Classification : F ; R 11 Xi ; R 36 R 67 R 66

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C 8-18-ALKYLDIMETHYL, CHLORIDES ; EC-No. : 264-151-6; CAS-No. : 63449-41-2

Percentage : 0,5 - 1 %  
Classification : N ; R 50 C ; R 34 Xn ; R 21/22

Alkohol C12-14, ethoxyliert (>2-5 EO) ; CAS-No. : 68439-50-9

Percentage : < 0,5 %  
Classification : N ; R 50 Xi ; R 41

PROPANE ; EC-No. : 200-827-9; CAS-No. : 74-98-6

Percentage : 1 - 10 %  
Classification : F+ ; R 12 PBT-Substance.

BUTANE ; EC-No. : 203-448-7; CAS-No. : 106-97-8

Percentage : 20 - 30 %  
Classification : F+ ; R 12 PBT-Substance.

ISOBUTANE ; EC-No. : 200-857-2; CAS-No. : 75-28-5

Percentage : 1 - 10 %  
Classification : F+ ; R 12 PBT-Substance.

For the wording of the listed risk phrases refer to section 16.

## 04. First-aid measures

### General

Please note safety instructions and directions for use on the drum. In all cases of doubt, or when symptoms persist, seek medical attention.

### After inhalation

Take the casualty into the fresh air and keep warm. Call a doctor, should the air passages be affected.

### After skin contact

Wash away with soap and water and rinse.

### After eye contact

Flush with plenty of water (10 - 15 min.). Call a physician.

### After ingestion

Drink plenty of water. Do not induce vomiting - call a physician.

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## 05. Fire-fighting measures

### Suitable extinguishing media

Adapt extinguishing measures to suit the environment. Alcohol resistant foam, CO<sub>2</sub>, powders, water spray.

### Unsuitable extinguishing media

Waterjet.

### Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

In flames as well as on hot surfaces toxic and decomposition products with penetrating smell may be formed.

### Special protective equipment

In case of fire do not breathe fumes Appropriate breathing apparatus may be required.

## 06. Accidental release measures

### Personal precautions

Keep away from ignition sources on account of the organic solvent content and air room well. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8. Take the precautions customary when handling chemicals.

### Environmental precautions

Do not empty into drains.

### Methods for cleaning up/collecting

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

## 07. Handling and storage

### Information for safe handling

Normal precautions taken when handling chemicals should be observed. Keep away from food, drink and animal feeding stuffs.

### Information about protection against explosions and fires

Keep away from ignition sources - No smoking. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

### Requirements to be met by storerooms and containers

Make sure that ventilation is adequate.

### Further information about storage conditions

Store containers tightly closed in a cool well ventilated place. Avoid heating over 50°C.

## 08. Exposure controls/personal protection

### Components with critical values that require monitoring at the workplace (exposure limits)

BUTANONE ; CAS-No. : 78-93-3

Specification : Limit value (Short term) ( EC )

Value : 300 ppm / 900 mg/m<sup>3</sup>

Version date : 08.06.2000

Specification : Limit value (8 hours) ( EC )

Value : 200 ppm / 600 mg/m<sup>3</sup>

Version date : 08.06.2000

### Personal protective equipment

#### General protective and hygiene measures

The usual precautionary measures for the handling of chemicals have to be observed. Do not eat or drink during work - no smoking. Keep away from food, drink and animal feeding stuff Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

#### Respiratory protection

None, but avoid breathing vapours if possible.

#### Hand protection

Avoid contact with the skin and mouth. Solvent-resistant protective gloves must be worn.

#### Eye protection

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Use safety glasses.

## Body protection

Light protective clothing.

## 09. Physical and chemical properties

### Image

Form : Liquid.  
Colour : Colourless.  
Odour : Poor, characteristic.

### Relevant safety data

Flash point :	ca.	-60	°C
Ignition temperature :		510	°C
Lower explosion limit :		1,4	% b.v.
Upper explosion limit :		32	% b.v.
Density :	( 20 °C )	0,7	g/cm <sup>3</sup>
Solvent-separation test :	( 20 °C )	not applicable	
Solubility in water :	( 20 °C )	100	% b.w.

## 10. Stability and reactivity

### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

## 11. Toxicological information

### Experience on practice

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

### Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

## 12. Ecological information

### Details on elimination (persistence / degradability)

In case of appropriate conduction into adapted biological purification plants no disturbances have to be expected.

### Ecotoxicological effects

#### Other information

Contains water polluting substances/water polluting classification: I/II.

### Additional ecological information

#### General ecological information

Do not empty into waters or drains.

## 13. Disposal considerations

### Product

#### Recommendation

Can be taken to a suitable incineration centre in observance of local regulations.

## 14. Transport information

### Land transport ADR/RID

#### Classification

Class :	2	Kemlercode :	23
UN number :	1950	Classification-Code :	5F

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LQ 2 · E 0 · Tunnel restriction code : D

Proper shipping name  
AEROSOLS

Packaging  
Label : 2.1

## Maritime transport IMDG/GGVSea

Classification  
IMDG-Code : 2.1 EmS number : F-D / S-U  
UN number : 1950 Marine Poll. : -  
LQ 11 · E 0

Proper shipping name  
AEROSOLS

Packaging  
Label : 2.1

## Air transport ICAO-TI and IATA-DGR

Classification  
Class : 2.1  
UN number : 1950  
E 0

Proper shipping name  
AEROSOLS, FLAMMABLE

Packaging  
Label : 2.1

## 15. Regulatory information

### Classification according to EC directives

Danger symbol and danger designation



F+ ; Extremely flammable

R-phrases

12 Extremely flammable.

S-phrases

2 Keep out of the reach of children.

51 Use only in well-ventilated areas.

46 If swallowed, seek medical advice immediately and show this container or label.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16 Keep away from sources of ignition - No smoking.

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

Special designation for certain preparations

56 Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50 °C.

57 Do not pierce or burn, even after use.

58 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Additional information

For intended use only!

## 16. Other information

### Further information

R-Phrases of components

11 Highly flammable.

12 Extremely flammable.

21/22 Harmful in contact with skin and if swallowed.

34 Causes burns.

36 Irritating to eyes.

41 Risk of serious damage to eyes.

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50	Very toxic to aquatic organisms.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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