

# SAFETY DATA SHEET

## SANIGEL - Hygienic hydroalcoholic gel +70%

The safety data sheet complies with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Assessment, Authorization and Restriction of Chemicals (REACH)

### SECTION 1: Identification of the substance or mixture and of the company

Date of issue 29.03.2020

#### 1.1. Product identification

Product name Sanigel Hygienic hydroalcoholic gel +70%

Item no.

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

Product group Disinfectants PT1 Human hygiene

Use of the substance or preparation Hand cleansing / disinfection

Relevant identified uses PC8 biocidal products (e.g. disinfectants, pest control)

Uses advised against Do not use as a surface disinfectant (contains glycerol, it is quite heavy oily liquid).

#### 1.3. Details of the supplier of the safety data sheet

##### Distributor

Company DVDgroup BV

Address De Run 4221

Postal code 5503LM

City Veldhoven

Country Netherlands

Phone +31 (0)40 2307559

E-mail info@dvdgroup.eu

#### 1.4. Emergency telephone number

Emergency number Dutch poison control center: +31 (0)30 2748888

"Only for the purpose of informing medical personnel in case of acute poisoning"

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to CLP

Flam. Liq. 2;H225;

Eye Irrit. 2;H319;

Hazardous properties  
substance / mixtureThe product is highly flammable and irritating to the eyes.  
Vapours may cause drowsiness and dizziness.

## 2.2. Label elements

### Hazard pictograms (CLP)



Signal words

Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Safety recommendations

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.; cRemove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents / container to a collection point for hazardous or special waste.

Other labeling information (CLP)

Use: Hygienic hand disinfection.

The type of formulation: Liquid.

Content: 695 g / kg ethanol and 10 g / kg propan-2-ol.

Dosage: Apply at least 2 pump pressure (3 ml) and rub the clean and dry hands carefully for at least 30 seconds until the hands are dry.

## 2.3. Other dangers

PBT / vPvB

The mixture does not meet the criteria for PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulating).

## SECTION 3: Composition and information on ingredients

### 3.2. Mixtures

Component name	Determination	Classification	Content
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5 Registration Number: 01-2119457610-43	Flam. Liq. 2;H225; Eye Irrit. 2;H319;	70 - 72 %
Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE3; H336	1 - 5 %
Glycerine	CAS No.: 56-81-5 EC No.: 200-289-5 Synonyms: Glycerol		1 - 5 %
Propylene glycol	CAS No.: 57-55-6 EC No.: 200-338-0		1 - 5 %
Comments component	See section 16 for explanation of H-statements.		

## SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General	If in doubt, doctor should be consulted.
Inhalation	Fresh air and rest. Get medical attention if symptoms persist.
Skin contact	The product is intended for use on the skin. Remove contaminated clothing. Get medical attention if symptoms persist.
Eye contact	Immediately flush with plenty of water for at least 5 minutes. Keep eyelid open. Remove contact lenses from the eyes before rinsing. If eye irritation persists, consult a physician.
Ingestion	Immediately rinse mouth and drink plenty of water (200-300 ml). Don't let it throw up. Get medical attention if symptoms persist.

#### 4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms and effects	Inhalation: Vapors may cause drowsiness and dizziness. Eye contact: May cause eye irritation. Ingestion: may cause discomfort; causes symptoms similar to this by inhalation.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

Other information	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing methods

Suitable extinguishing methods	Water spray, fog or mist. Alcohol-resistant foam. Carbon dioxide or powder.
Extinguishing methods which must not be used for safety reasons	Full jet ineffective as an extinguishing agent.

#### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The product is highly flammable and may emit vapors that form explosive vapor-air mixtures. Vapors are heavier than air and can spread close to the ground to sources of ignition.
Hazardous combustion products	Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

#### 5.3. Advice for firefighters

Personal protective equipment	Use a compressed air mask when the product is involved in a fire. Use an evacuation mask approved for evacuation. See further section 8.
Other information	Cool closed containers exposed to fire with water. Collect contaminated fire extinguishing water separately, it must not drain to the sewerage system.

### SECTION 6: Measures for accidental release of the substance or mixture

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

Personal precautions	Provide adequate ventilation. Smoking and use of open flames and other ignition sources are prohibited. Do not breathe vapor. Use personal protective equipment such as indicated in section 8.
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#### 6.2. Environmental precautions

Environmental precautions	Do not discharge into drains in large quantities.
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#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb waste with incombustible absorbent material. Waste should be treated as controlled waste. Take to an approved waste collection point in accordance with local regulations.
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Absorb smaller amounts with paper towels and apply it to one safe place to evaporate.

## 6.4. Reference to other sections

Other instructions See also section 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling Provide good ventilation. Avoid breathing vapors.  
Avoid contact with eyes.

### Protective measures

Fire prevention measures Keep away from heat / sparks / open flames / hot surfaces.— No smoking.  
Take precautions against discharges of static electricity. Use only non-sparking tools.

Advice on general occupational hygiene Wash hands after each work shift and before eating, smoking or using the toilet.

### 7.2. Conditions for safe storage, including any incompatible products

Storage Storage Keep out of reach of children.  
Larger quantities and warehouse stocks must be stored in accordance with national legislation regarding the storage of flammable liquids and the like.  
Store in the closed original packaging in a well-ventilated place.

Special risks and properties Vapors are heavier than air and may spread along the floor. The vapor can form an explosive mixture with air.

### Conditions for safe storage

Storage composition directions Keep away from: Oxidizing agents. Food and feed.

Storage temperature Value: 0-30 ° C

### 7.3. Specific end use

Specific use (s) See section 1.2.

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

#### Exposure limit values

Component name	Determination	Value	Year
Ethanol, limit value	CAS N°.: 64-17-5 EC N°.: 200-578-6 Index N°.: 603-002-00-5	8 hours: 1000 ppm 8 hours: 1907 mg/m <sup>3</sup>	
Propan-2-ol, limit value	CAS N°.: 67-63-0 EC N°.: 200-661-7 Synonyms: Isopropyl alcohol	8 hours: 200 ppm 8 hours: 500 mg/m <sup>3</sup> 15 min.: 400 ppm 15 min.: 1000 mg/m <sup>3</sup>	
Glycerin (haze)	CAS N°.: 56-81-5 EC N°.: 200-289-5 Synonyms: Glycerol	8 hours: 10 mg/m <sup>3</sup>	

Other information about these References (laws and regulations): Nationally determined exposure limits:

threshold values

Belgium

**DNEL / PNEC**

Control parameters comments :

Ethanol:

DNEL consumers, oral, long-term (repeated): 87 mg / kg

DNEL workers, inhalative, long-term (repeated), systemic effects:

950 mg / m<sup>3</sup> (500 ppm)

DNEL consumers, inhalative, short-term (acute), local effects: 950

mg / m<sup>3</sup>

DNEL consumers, dermal, long-term (repeated): 206 mg / kg

DNEL consumers, inhalative, long-term (repeated): 114 mg / m<sup>3</sup>

DNEL workers, dermal, long-term (repeated), systemic effects: 343

mg / kg

DNEL workers, inhalative, short-term (acute), local effects: 1900 mg / m<sup>3</sup>

PNEC brewing water deposit: 3.6 mg / kg

PNEC sea water: 0.79 mg / l

PNEC freshwater: 0.96 mg / l

PNEC soil: 0.63 mg / kg

**8.2. Measures to control exposure**

Occupational exposure controls

Well-ventilated area. Personal protective equipment should be CE marked and should be selected in consultation with the supplier of such equipment.

Recommended protective equipment and the standards set are indicative.

Standards must be of the latest version.

The indicated protective equipment is indicative. A risk analysis (actual risk) can lead to other requirements.

The suitability and durability of the protective equipment depend on the application.

Provide eyewash station.

**Respiratory protection**

Respiratory protection

Not necessary under normal working conditions.

**Hand protection**

Hand protection

Hand protection not required. The product is intended for use on the skin.

**Eye / face protection**

Eye protection

Not necessary under normal working conditions. Wear approved, close-fitting safety goggles if there is a risk of splashing.

Reference to relevant standard

EN 166.

**Skin protection**

Skin protection (other body parts than hands)

Normal work clothes.

**Appropriate control of environmental exposure**

Environmental exposure controls

Prevent discharge to sewers, open water or soil.

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

Physical state

Liquid

Color

Clear / Colorless.

Odor

Alcohol odor

Comments, Odor threshold pH (as supplied)

Not determined.

**Value:** 6-9

Comments, Melting point / melting range

Not determined.

Boiling point	<b>Value:</b> 78 °C
Flash point	<b>Value:</b> 21,2 °C
Comments, Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Comments, Explosion limit	Not determined.
Comments, Vapor pressure	Not determined.
Vapor density	<b>Value:</b> > 1 <b>Reference gas:</b> air = 1
Density	<b>Value:</b> 0,855 - 0,875 g/cm3
Solubility	Soluble in water.
Comments, Octanol / water partition coefficient (Kow)	Non relevant.
Comments, Autoignition	Not determined.
Comments, Viscosity	Not determined.
Explosive properties	Not explosive, but the vapor can form an explosive mixture with air.
Oxidizing properties	Not oxidizing.

## 9.2. Other information

### Other physical and chemical properties

Comments	No further information is available.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	No test data available. Vapors can form explosive mixtures with air.
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### 10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Occur in contact with inappropriate conditions and incompatible materials (sections 10.4 and 10.5)
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flame and other ignition sources.
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### 10.5. Chemically reactive materials

Materials to avoid	Strong oxidizing agents.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions. See also section 5.2.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological information

Other toxicological data	Ethanol: LD50 (oral, rat): 6200 mg/kg (Reference IUCLID) LD50 (dermal, rabbit): > 2000 mg/kg (Reference OECD 402) LC50 (inhalation, mouse, 4h):> 20 mg/l (Supplier reference)
	Propan-2-ol: LD50 (oral, rat): > 2000 mg/kg (Supplier reference) LD50 (dermal, rabbit): > 2000 mg/kg (Supplier reference) LC50 (inhalation, rat, 8h): > 20 mg/l (Supplier reference)

#### Acute toxicity, mixture estimate

Assessment of acute toxicity classification	Based on available data; the classification criteria are not met.
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## Potential acute effects

Inhalation	Vapors may cause drowsiness and dizziness.
Skin contact	The product is intended for use on the skin. No harmful effects are expected.
Eye contact	Irritating and may cause redness and burning pain.
Ingestion	May cause complaints if swallowed. Causes symptoms similar to inhalation.
Assessment of corrosion / irritation classification	Based on available data; the classification criteria are not met.
Aspiration hazard assessment classification	Based on available data; the classification criteria are not met.
Assessment of eye damage or irritation, classification	Ethanol (> 50%): Causes serious eye irritation. Propan-2-ol: Causes serious eye irritation.

## Delayed effects / repeated exposure

Respiratory sensitization assessment, classification	Based on available data; the classification criteria are not met.
Assessment of skin sensitization, classification	Based on available data; the classification criteria are not met.
STOT-single exposure	Based on available data; the classification criteria are not met.
STOT-repeated exposure	Based on available data; the classification criteria are not met.

## Carcinogenic, mutagenic or reprotoxic

Assessment of carcinogenicity classification	Based on available data; the classification criteria are not met.
Germ cell mutagenicity assessment, classification	Based on available data; the classification criteria are not met.
Assessment of reproductive toxicity, classification	Based on available data; the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	Ecotoxicity Further test data is available from the supplier / manufacturer. The components of the product are not classified as dangerous for the environment. However, this does not mean that large or regular discharges cannot endanger or damage the environment.
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### 12.2. Persistence and degradability

Persistence and degradability	The product is expected to be biodegradable.
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### 12.3. Bioaccumulation

Bioaccumulative potential	The product does not contain any substances believed to be bioaccumulative.
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### 12.4. Mobility in the soil

Mobility	Soluble in water. The product contains organic solvents that evaporate quickly from all surfaces.
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### 12.5. Results of PBT and vPvB assessment

Results of PBT assessment	The mixture does not meet the criteria for PBT (persistent, bioaccumulative and toxic).
vPvB evaluation results	The mixture does not meet the criteria for vPvB (very persistent and very bioaccumulative).

### 12.6. Other adverse effects

Other adverse effects, comments	Avoid discharge to sewers, open water or soil
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify appropriate methods for removal	Hand in as hazardous waste to an authorized handler or collector. The hazardous waste code (EAL code) is indicative. The user must indicate the same correct EAL code if the scope differs. Completely emptied and rinsed packaging is recycled or treated as normal waste.
Product classified as hazardous waste	Yes
EWC waste code	EWC: 07 07 04 other organic solvents, washing liquids and mother liquors EWC: 16 03 05 organic waste containing dangerous substances
Other information	Do not allow product to enter drains.

## SECTION 14: Transport information

### 14.1. UN-number

ADR / RID / AND	1987
RID	1987
IMDG	1987
ICAO/IATA	1987
Comment	ADR: max. Quantity: 1 L per product packaging and 30 kg per package for combination packaging. When using shrink or stretch film, the limit is 1 liter for the product packaging and 20 kg per package (product packaging must be metal and plastic and not easily breakable or perforable.)

### 14.2. UN proper shipping name

ADR	ALCOHOLS, N.O.S. (ethanol, propan-2-ol)
RID	ALCOHOLS, N.E.G. (ethanol, propan-2-ol)
IMDG	ALCOHOLS, N.O.S. (ethanol, propan-2-ol)
ICAO/IATA	ALCOHOLS, N.O.S. (ethanol, propan-2-ol)

### 14.3. Transport hazard class(es)

ADR / RID / ADN	3
RID	3
IMDG	3
ICAO/IATA	3

### 14.4. Packing group

ADR	II
RID	II
IMDG	II
ICAO/IATA	II

### 14.5. Environmental hazards

IMDG Marine pollutant	No
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### 14.6. Special precautions for the user

IMDG Other relevant information	Fp 21,2 °C C.c.
EmS	F-E, S-D

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

Pollution category	Not applicable.
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### ADR / RID - Other information

ADR Other relevant information	Tunnel Restriction Code (D / E)
Hazard no	33

## SECTION 15: Regulations



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

References (laws and regulations)	<p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)</p> <p>Regulation No 1272/2008 of the European Parliament and of the Council (CLP Regulation) on classification, labeling and packaging of substances and mixtures.</p> <p>European waste list. Hazardous waste (May 8, 2002).</p> <p>ADR / RID: Transport of dangerous goods by road or rail (2017). Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.</p>
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## 15.2. Chemical safety assessment

Chemical safety assessment has been carried out	No
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## SECTION 16: Other information

CLP classification	<p>Flam. Liq. 2; H225;</p> <p>Eye Irrit. 2; H319;</p>
List of relevant H statements (Section 2 and 3).	<p>H336 May cause drowsiness or dizziness.</p> <p>H332 Harmful by inhalation.</p> <p>H225 Highly flammable liquid and vapor.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p>
Abbreviations and Acronyms Used	<p>LC50: The concentration of a substance that can be expected to be at 50 % of animals exposed for a period of time, during the exposure or death within a specified time after exposure</p> <p>LD50: Dose in which 50% of the animals die.</p> <p>DNEL: The Derived No Effect Level.</p> <p>OECD: Organization for Economic Cooperation and Development</p> <p>PNEC: Predicted No Effect Concentration (Predicted No Effect Concentration)</p>