

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006

**SANIKRAUD**

Revision date: 06.04.2020

Page 1 of 10

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

SANIKRAUD

**1.2. Relevant identified uses of the substance or mixture**  
**against Use of the substance/mixture**

1. Type Disinfectant for hands and skin. For
2. Type Disinfectant for surfaces

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

Street: "Brivmani", Marupes novads  
Place: Latvia

**1.4. Emergency telephone number:**

State fire and rescue department 112

**SECTION 2: Hazards identification**

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

**Regulation (EC) No. 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 2 H225

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Highly flammable liquid and vapour.

Causes serious eye irritation.

**2.2. Label elements**

**Regulation (EC) No. 1272/2008**

**Hazard components for labelling**

Ethanol

Signal word: Danger

Pictograms:



**Hazard statements**

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

**Precautionary statements**

P210

smoking.

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

P233

Keep container tightly closed.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

**Additional advice on labelling**

In the countries of the EU, in which the preparation is registered as a drug, it is not labelled according to the

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### SANIKRAUD

Page 2 of 10

CLP Regulation (as indicated here).

**2.3. Other hazards**

May form explosive mixtures with air in exceptional situations (for example, misting, development of heat or leakage of large amounts in unventilated spaces).

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64-17-5	ethanol, ethyl alcohol			30-<100%
	200-578-6	603-002-00-5	01-2119457610-43-xxx	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
7722-84-1	Hydrogen peroxyde			<0,5%
	231-765-0	008-003-00-9	01-2119485845-22-xxx	
	Ox.liq.1 H271, Acute tox 4 H302, Scin corr.1A H314, Acute tox.4 H332			

Full text of H and EUH statements: see section 16.

**Further Information**

Disinfectants

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

Call a physician immediately. If medical advice is needed, have product container or label at hand.

**After inhalation**

Provide fresh air.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.

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

No information available.

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

none

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet, Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.

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

Highly flammable. Vapours can form explosive mixtures with air. The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

**SANIKRAUD**

Revision date: 06.04.2020

Page 3 of 10

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

Remove all sources of ignition. Provide adequate ventilation.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Keep away from food, drink and animal feedingstuffs. Provide adequate ventilation as well as local exhaustion at critical locations. Keep container tightly closed.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place. Keep container dry. Avoid: Frost. Keep out of the reach of children.

Maximum storage temperature: 25 °C

**Advice on storage compatibility**

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

**Further information on storage conditions**

Protect from sunlight.

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

none

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

SANIKRAUD

Page 4 of 10

### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64-17-5	ethanol, ethyl alcohol			
Worker DNEL, long-term		dermal	systemic	343 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	950 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	1900 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	950 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	114 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	87 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	206 mg/kg bw/day

### PNEC values

CAS No	Substance	Value
64-17-5	ethanol, ethyl alcohol	
Environmental compartment		
Freshwater		0.96 mg/l
Marine water		0.79 mg/kg
Freshwater sediment		3.6 mg/kg
Micro-organisms in sewage treatment plants (STP)		580 mg/l
Soil		0.63 mg/kg

### 8.2. Exposure controls



#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

#### Eye/face protection

none

#### Hand protection

Hand protection is not required

To prevent skin irritation in the professional field - regardless of actual contact with disinfectants - it is recommended to use: • a fast absorbing skin care cream in between if necessary. • a greasy cream after washing at the end of work or before breaks.

#### Respiratory protection

none

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: liquid  
 Colour: colourless  
 Odour: characteristic alcohol

Test method

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SANIKRAUD**

Page 5 of 10

pH-Value:

7

**Changes in the physical state**

Melting point:

not determined

Initial boiling point and boiling range:

not determined

Flash point:

23 °C DIN 51755

**Flammability**

Solid:

not applicable

Gas:

not applicable

Lower explosion limits:

not determined

Upper explosion limits:

not determined

**Auto-ignition temperature**

Solid:

not applicable

Gas:

not applicable

Decomposition temperature:

not determined

**Oxidizing properties**

Not oxidising.

Vapour pressure:

not determined

Density (at 20 °C):

0.85 g/cm<sup>3</sup>

Water solubility:

easily soluble

**Solubility in other solvents**

not determined

Partition coefficient:

not applicable

Vapour density:

not determined

Evaporation rate:

not determined

**9.2. Other information**

none

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

Highly flammable Ignition hazard

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

Highly flammable Ignition hazard

**10.4. Conditions to avoid**

Safe handling: see section 7

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

The product is chemically stable under recommended conditions of storage, use and temperature.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SANIKRAUD**

Page 6 of 10

**Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix tested**

	Dose	Species	Source
LD50, oral	>2000 mg/kg	Rat	
LD50, dermal	>8500 mg/kg	Rat	

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
64-17-5	ethanol, ethyl alcohol					
	oral	LD50 mg/kg	6200	Rat	UCLID	
	inhalative (4 h) vapour	LC50	95,6 mg/l		UCLID	

**Irritation and corrosivity**

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Ethanol:

OECD 404 (Acute Dermal Irritation/Corrosion) Rabbit

Not an irritant.

OECD 405 (Acute Eye Irritation/Corrosion) Rabbit

slightly irritant

**Sensitising effects**

Based on available data, the classification criteria are not met.

Ethanol:

OECD 429 (Skin Sensitisation - Local Lymph Node Assay) Mouse

not sensitising.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

Ethanol:

OECD 471 (Bacterial Reverse Mutation Test) Salmonella

Typhimurium negative.

OECD 475 (Mammalian Bone Marrow Chromosome Aberration Test)

negative.

OECD 476 (In Vitro Mammalian Cell Gene Mutation Test) Mouse

negative.

OECD 473 (In Vitro Mammalian Chromosome Aberration Test)

negative.

OECD 471 (Bacterial Reverse Mutation Test)

negative.

**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.

Ethanol:

OECD 408 (Repeated Dose 90- Day Oral Toxicity Study in Rodents)

Rat NOAEL 1730 mg/kg/d

OECD 403 (Acute Inhalation Toxicity) Rat

&gt;20 mg/l

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SANIKRAUD**

Page 7 of 10

**SECTION 12: Ecological information****12.1. Toxicity**

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64-17-5	ethanol, ethyl alcohol					
	Acute fish toxicity	LC50 mg/l	13000	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute crustacea toxicity	EC50 mg/l	12340	48 h	Daphnia magna	

**12.2. Persistence and degradability**

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64-17-5	ethanol, ethyl alcohol			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	97%		

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
64-17-5	ethanol, ethyl alcohol	-0,32

**BCF**

CAS No	Chemical name	BCF	Species	Source
64-17-5	ethanol, ethyl alcohol	3.2		

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Waste disposal number of waste from residues/unused products**

070504 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of pharmaceuticals; other organic solvents, washing liquids and mother liquors; hazardous waste

**Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

## Safety Data Sheet

according to Regulation (EC) No 1907/2006


SANIKRAUD

Page 8 of 10


**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.


**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number:</b>	UN 1170
<b>14.2. UN proper shipping name:</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
	
Classification code:	F1
Special Provisions:	144 601
Limited quantity:	1 L
Excepted quantity:	E2
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

**Marine transport (IMDG)**

<b>14.1. UN number:</b>	UN 1170
<b>14.2. UN proper shipping name:</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
	
Special Provisions:	144
Limited quantity:	1 L
Excepted quantity:	E2
EmS:	F-E, S-D

**Air transport (ICAO-TI/IATA-DGR)**

<b>14.1. UN number:</b>	UN 1170
<b>14.2. UN proper shipping name:</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
	
Special Provisions:	A3 A58 A180
Limited quantity Passenger:	1 L
Passenger LQ:	Y341
Excepted quantity:	E2
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### SANIKRAUD

Page 9 of 10

IATA-packing instructions - Cargo: 364  
 IATA-max. quantity - Cargo: 60 L

#### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

#### **14.6. Special precautions for user**

Warning: Combustible liquid.

#### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

#### **Other applicable information**

Transport stability testing with our drugs have shown that no specific transport conditions (for example, temperature) according to the "Good Distribution Practice" need to be observed and recorded in temperate climate zones.

### SECTION 15: Regulatory information

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

##### **EU regulatory information**

##### **Additional information**

To follow: Regulation (EC) No. 648/2004 (Detergents regulation), 850/2004/EC, 1107/2009/EC, 649/2012/EC. 1907/2006 RECh / 1272/2008 CLP GHS

##### **National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 1 - slightly water contaminating

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 ) IMDG: International Maritime Code for Dangerous Goods IATA: International Air  
 Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%

#### **Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.  
 H319 Causes serious eye irritation.

#### **Further Information**

The data contained in this safety data sheet is based on our current knowledge and experience and describe the product with regard to safety requirements. The information should not be regarded in any way as a description of the product's properties (product specification). Agreed characteristics nor the suitability of the

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**SANIKRAUD**

Page 10 of 10

product for a specific purpose can not be derived from the information in the SDS. We will advise you as to whether and under what circumstances, the preparation is suitable for a defined purpose. Proprietary rights and existing laws and regulations must be respected by the receiver of our product.

---

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

END OF SAFETY DATA SHEET