

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

1.1. Product identifier

Product form : Mixture
Trade name : Sanitary surface cleaner 5l
UFI : V4WK-MUMN-C9AV-FXGX
Product code : SAN 05

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Chemicar Europe NV
Baarbeek 2
2070 Zwijndrecht
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89
info@chemicar.eu

1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 1 H318

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Hazardous ingredients :

propan-1-ol; n-propanol

Hazard statements (CLP) :

H318 - Causes serious eye damage.

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a doctor, a POISON CENTER.

Scandinavian countries regulation

Denmark

MAL code :

1-1

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

Sanitary surface cleaner 5l

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propan-1-ol; n-propanol	(CAS-No.) 71-23-8 (EC-No.) 200-746-9 (EC Index-No.) 603-003-00-0	1 - 25	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. If not breathing, give artificial respiration. Cardiac arrest: perform resuscitation.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice. Give oxygen or artificial respiration if necessary.
First-aid measures after skin contact	: Wash with plenty of water/.... If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Consult an ophthalmologist if irritation persists. Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact, immediately rinse eyes with plenty of water for at least 15 minutes.
First-aid measures after ingestion	: Rinse mouth out with water. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after eye contact : Causes serious eye damage. Corrosive to eyes.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: ABC-powder. BC-powder. carbon dioxide (CO2).
Unsuitable extinguishing media	: high volume water jet. Do not use a water jet since it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Precautionary measures fire	: The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. protective clothing. EN 13034. EN 14605. Wear a full face respirator conforming to EN136 with Type A filter or better. EN 137.
Protection during firefighting	: Wear recommended personal protective equipment. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No open flames. No smoking.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment. Safety glasses, Gloves. EN 374. EN 166. EN 14605. EN 13034.

6.2. Environmental precautions

Dam up the solid spill. Collect leaking liquid in covered containers.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean contaminated surfaces with an excess of water. Take up liquid spill into inert absorbent material. Wash clothing and equipment after handling.

6.4. Reference to other sections

SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : No open flames. No smoking. Eliminate all ignition sources if safe to do so. Use good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Protect against frost.

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

Sanitary surface cleaner 5l

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Storage temperature : ≥ 0 °C
Packaging materials : a polypropylene.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

propan-1-ol; n-propanol (71-23-8)

Belgium - Occupational Exposure Limits

Time-weighted average exposure limit 8 h	100 ppm
Time-weighted average exposure limit 8 h	250 mg/m ³

propan-1-ol; n-propanol (71-23-8)

France - Occupational Exposure Limits

Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	200 ppm
Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	500 mg/m ³

propan-1-ol; n-propanol (71-23-8)

UK - Occupational Exposure Limits

Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	200 ppm
Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	500 mg/m ³
Short time value (Workplace exposure limit (EH40/2005))	250 ppm
Short time value (Workplace exposure limit (EH40/2005))	625 mg/m ³

USA - Occupational Exposure Limits

Time-weighted average exposure limit 8 h (TLV - Adopted Value)	100 ppm
--	---------

Sampling methods

n-Propyl Alcohol (Alcohols Combined)	NIOSH	1405
n-Propyl Alcohol	NIOSH	1401
Propyl Alcohol	OSHA	7

Threshold values

DNEL/DMEL - Workers

Effect level (DNEL/DMEL)	Type	Value
DNEL	Long-term systemic effects inhalation	268 mg/m ³
	Acute systemic effects inhalation	1723 mg/m ³
	Long-term systemic effects dermal	136 mg/kg bw/day

DNEL/DMEL – General population

Effect level (DNEL/DMEL)	Type	Value
DNEL	Long-term systemic effects inhalation	80 mg/m ³
	Acute systemic effects inhalation	1036 mg/m ³
	Long-term systemic effects dermal	81 mg/kg bw/day
	Long-term systemic effects oral	61 mg/kg bw/day

Sanitary surface cleaner 5l

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

PNEC

Compartments	Value
Fresh water	6.83 mg/l
Fresh water (intermittent releases)	10 mg/l
Marine water	0.683 mg/l
STP	96 mg/l
Fresh water sediment	27.5 mg/kg sediment dw
Marine water sediment	2.75 mg/kg sediment dw
Soil	1.49 mg/kg soil dw

8.2. Exposure controls

Appropriate engineering controls:

Ensure that there is a suitable ventilation system. Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. When using do not eat, drink or smoke.

Materials for protective clothing:

Wear suitable protective clothing

Condition	Material	Standard
		EN 14605, EN 13034

Hand protection:

protective gloves. Chemical resistant gloves (according to European standard EN 374 or equivalent)

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
					EN ISO 374

Eye protection:

Safety glasses

Type	Use	Characteristics	Standard
			EN 166

Skin and body protection:

Wear suitable protective clothing

Type	Standard
	EN 14605, EN 13034

Respiratory protection:

No respiratory protection needed under normal use conditions

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: alcohol odour.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.

Sanitary surface cleaner 5l

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.99 - 1
Density	: 988 - 998 kg/m ³
Solubility	: Soluble.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : 13 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Heating may cause a fire.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use spark-/explosionproof appliances and lighting system.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

Sanitary surface cleaner 5l

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Recycle or dispose of in compliance with current legislation.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations. Discharging into rivers and drains is forbidden. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Germany

Reference to AwSV

: Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product

Sanitary surface cleaner 5l

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Abbreviations and acronyms:

PBT	Persistent Bioaccumulative Toxic
-----	----------------------------------

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.