



according to Regulation (EC) No. 1907/2006 (REACH), Article 31
 Creation date: 01.09.2021 Version number: 1.3

Page 2 of 9
 Printing date: 20.12.2022

Profisep Clean

H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P251 Do not pierce or burn, even after use.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P405 Store locked up.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. 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

2.3 Other hazards:

Results of PBT and vPvB assessment

PBT: Not applicable.
 vPvB: Not applicable.

SECTION 3: Composition / Information on Ingredients

3.1 Chemical characterization:	Mixtures	
Description:	Mixture of substances listed below with non-hazardous additions.	
3.2 Dangerous components:		
CAS: 29387-86-8	Dowanol PnB	25-50%
EINECS: 249-598-7	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Index no.: 603-402-00-8		
CAS: 67-63-0	Propan-2-ol	25-50%
EINECS: 200-661-7	⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	
Index no.: 603-117-00-0		
CAS: 74-98-6	Propane	10-25%
EINECS: 200-827-9	⚠ Flam. Gas 1, H220; Press. Gas, H280	
Index no.: 601-003-00-5		
CAS: 106-97-8	Butane	2.5-10%
EINECS: 203-448-7	⚠ Flam. Gas 1, H220; Press. Gas, H280	
Index no.: 601-004-00-0		

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

SECTION 4: First aid measures

4.1 Description of first aid measures:	
If inhaled:	In case of unconsciousness place and transport in a stable lateral position.
Following skin contact:	Wash off immediately with soap and water and rinse thoroughly.
Following eye contact:	Rinse eyes under running water for several minutes with the eyelid open. If symptoms persist, consult a physician.



according to Regulation (EC) No. 1907/2006 (REACH), Article 31
 Creation date: 01.09.2021 Version number: 1.3

Page 4 of 9
 Printing date: 20.12.2022

Profisep Clean

Further information about storage conditions: Keep containers tightly closed.
 Do not close the container gas-tight.
 Store in cool and dry place in tightly closed containers.
 Protect from heat and direct sunlight.

Storage class: 2B

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls / Personal protection

Additional information about design of technical facilities: No further information, see Section 7.

8.1 Control parameters
Componentswith limit values that require monitoring at the workplace:

67-63-0 Propan-2-ol
 OEL long-term value: 500 mg/m³, 200 ml/m³
 2(II);DFG, Y

74-98-6 Propane
 OEL long-term value: 1800 mg/m³, 1000 ml/m³
 4(II);DFG

106-97-8 Butane
 OEL long-term value: 2400 mg/m³, 1000 ml/m³
 4(II);DFG

DNEL-VALUES CAS: 67-63-0 Propan-2-ol
 Dermal DNE 888 mg / kg / bw / day
 long term exposure-systemic effects
 Inhalative DENEL 500 mg / m³
 long term exposure-systemic effects

PNEC values CAS: 67-63-0 Propan-2-ol
 PNEC- aqua 140.9 mg / l (fresh water)
 140.9 mg / l (marine water)
 PNEC sediment 552 mg / kg (fresh water)
 552 mg / kg (marine water)
 Soil 28 mg / kg

Components with biological limit values:
67-63-0 Propan-2-ol
 BLV 25 mg/l Sample material: Whole blood
 Sampling time: end of exposure or shift
 Parameter: Acetone
 25 mg/l
 Sample material: Urine
 Sampling time: end of exposure or shift
 Parameter: Acetone

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls:
General protective and hygienic measures: Keep away from food, drink and animal feed.
 Take off contaminated, soaked clothing immediately.



according to Regulation (EC) No. 1907/2006 (REACH), Article 31
 Creation date: 01.09.2021 Version number: 1.3

Page 5 of 9
 Printing date: 20.12.2022

Profisep Clean

Wash hands prior to breaks and at the end of work.
 Do not inhale gases/vapours/aerosols.
 Avoid contact with eyes and skin.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection:



Protective gloves:

The glove material must be impermeable and resistant to the product / substance / preparation. Selection of the glove material taking into account breakthrough times, permeation rates and degradation.

Glove material

The selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Gloves made of the following materials are suitable as splash protection:

Nitrile rubber, NBR
 Butyl rubber, BR
 Fluorocarbon rubber (Viton)

Eye protection:



Tightly sealing safety goggles.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information:

Appearance:

Form: Aerosol
Colour: Colourless
Odour: Characteristic

Change in condition:

Melting point / melting range: Not determined.
Boiling point / boiling range: -44°C
Flash point: -97°C
Ignition temperature: 260°C

Auto-ignition:

Product is not self-igniting.

Explosion hazard:

The product is not explosive; however, the formation of explosive vapour/air mixtures is possible.

Explosion limits:

Lower: 1,1 Vol %
Upper: 12,0 Vol %
Vapour pressure at 20°C: 4000 hPa



according to Regulation (EC) No. 1907/2006 (REACH), Article 31

Creation date: 01.09.2021

Version number: 1.3

Page 6 of 9

Printing date: 20.12.2022

Profisep Clean

Density at 20°C:	0,727 g/cm ³
Solubility in / miscibility with water:	Partially miscible.
Viscosity	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Solvent content:	
VOC (EC):	67,0 %
Solids content:	0 %

9.2 Other information No further relevant information available.

SECTION 10: Stability and Reactivity

10.1 Reactivity:	Thermal decomposition
10.2 Chemical stability:	No decomposition if used as intended.
10.3 Possibility of hazardous reactions:	No hazardous reactions known.
10.4 Conditions to avoid:	No further relevant information available.
10.5 Incompatible material:	No further relevant information available.
10.6 Hazardous decomposition products:	No hazardous decomposition products known.

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity:

Classification-relevant LD/LC50 values:

29387-86-8 Dowanol PnB

Oral	LD50	>3300 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

67-63-0 Propan-2-ol

Oral	LD50	5045 mg/kg (rat)
Dermal	LD50	12800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)

106-97-8 Butane

Inhalative	LC50/4 h	658 mg/l (rat)
------------	----------	----------------

Primary irritant effect:

On the skin: Irritates the skin and mucous membranes.

In the eye: Causes serious eye irritation.

Sensitisation: No sensitizing effects known.

Additional toxicological information: Based on the calculation method of the General Classification Guideline of the EU for preparations in the last amended version, the product exhibits the following hazards: irritant

SECTION 12: Ecological Information

12.1 Toxicity	
Aquatic toxicity:	No further relevant information available.



according to Regulation (EC) No. 1907/2006 (REACH), Article 31
 Creation date: 01.09.2021 Version number: 1.3

Page 7 of 9
 Printing date: 20.12.2022



Profisep Clean

12.2 Persistence and degradability:	No further relevant information available.
Behaviour in environmental systems:	No further relevant information available.
12.3 Bioaccumulative potential:	No further relevant information available.
12.4 Mobility in soil:	No further relevant information available.
Further ecological information:	
General notes:	Water hazard class 1 (self-classification): slightly hazardous to water Do not allow to enter groundwater, waters or the sewage system undiluted or in larger amounts.
12.5 Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB	Not applicable.
12.6 Other adverse effects	No further relevant information available.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods	
Recommendation:	Must not be disposed of together with household waste. Do not allow to enter the sewage system.
European Waste Directory	
16 00 00	WASTE NOT LISTED ELSEWHERE IN THE DIRECTORY Gases in pressure vessels and spent chemicals gases in pressure vessels containing dangerous substances (including halons)
16 05 00	
16 05 04	
Uncleaned packaging – Recommendation:	Disposal in accordance with official regulations.

SECTION 14: Transport Information

14.1 UN-Number	
ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name	
ADR	1950 PRESSURISED GAS PACKAGING AEROSOLS AEROSOLS, flammable
IMDG	
IATA	
14.3 Transport hazard class(es)	
ADR	
	
Class	2 5F Gases.
Hazard label	2.1
IMDG, IATA	
	



according to Regulation (EC) No. 1907/2006 (REACH), Article 31
 Creation date: 01.09.2021 Version number: 1.3

Page 8 of 9
 Printing date: 20.12.2022

Profisep Clean

Class	2.1
Label	2.1
14.4 Packing group ADR, IMDG, IATA	not applicable
14.5 Environmental hazards Marine pollutant:	No
14.6 Special precautions for user Attention:	gases
Kemler number:	-
EMS Number:	F-D,S-U
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable
Transport/Additional information	
ADR	
Excepted quantities (EQ):	E0
Limited quantities (LQ)	1L
Transport category	2
Tunnel restriction code	D
Notes:	Limited quantity: Maximum 30 kg per package (carton), apply "diamond with black corners label" to the carton.
UN „Model Regulation“:	UN1950, PRESSURISED GAS PACKAGING, 2.1

SECTION 15: Regulatory Information

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

Guideline 2012/18/EU

Named hazardous substances - ANNEX I None of the constituents are contained.

Seveso category P3a FLAMMABLE AEROSOLS

Threshold quantity (in tonnes) for use in lower classified operations 150 t

Threshold quantity (in tonnes) for use in higher classified operations 500 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of limitation: 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: None of the constituents are contained.

REGULATION (EU) 2019/1148 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit concentration for a licence under Article 5(3)): None of the constituents are contained.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS: None of the constituents are contained.

National regulations:

Technical instructions air:

Class:NK Proportion in %: 85.0

Water hazard class: WGK 1 (self-classification): slightly hazardous to water.



according to Regulation (EC) No. 1907/2006 (REACH), Article 31

Creation date: 01.09.2021

Version number: 1.3

Page 9 of 9

Printing date: 20.12.2022

Profisep Clean

15.2 Chemical safety assessment: A chemical safety assessment has not been conducted.

SECTION 16: Further Information

The information contained in this safety data sheet is based to the best of our knowledge and belief on currently available information regarding the correct handling of the product under normal conditions. Any other use of this product in combination with other processes not included in this data sheet is the sole responsibility of the user. This document does not constitute an express or implied warranty as to product quality or suitability for a particular purpose.

Relevant phrases:

H220:	Extremely flammable gas.
H225:	Highly flammable liquid and vapour.
H280:	Contains gas under pressure; may explode if heated.
H315:	Causes skin irritation.
H319:	Causes serious eye irritation.
H331:	Toxic if inhaled.
H336:	May cause drowsiness or dizziness.

Abbreviations and acronyms:

RID:	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA-DGR:	Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO:	International Civil Aviation Organization
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
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 (division of the American Chemical Society)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent