

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

SAFETY DATA SHEET

WeClean Pro Penitol Disinfectant Surface Wipes, 70% alkohol

1.1. Product identifier Trade name WeClean Pro Penitol Disinfectant Surface Wipes, 70% alkohol Unique formula identifier (UFI) X000-A0PG-V002-2NTH 1.2. Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses of the substance or mixture PC8 Disinfection Uses advised against None known. 1.3. Details of the supplier of the safety data sheet Company and address Stadsing A/S Østre Fælledvej 13 DK-9400 Nørresundby Denmark Tel.: +45 7015 3400 E-mail info@stadsing.dk Revision 11/28/2022 SDS Version 1.0 1.4. Emergency telephone number Contact the poison hotline: +45 82 12 12 12 (24 hour service) See section 4 "First aid measures". SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Flam. Liq. 2; H225, Highly flammable liquid and vapour. Eye Irrit. 2; H319, Causes serious eye irritation. 2.2. Label elements Hazard pictogram(s) Signal word Danger Hazard statement(s) Highly flammable liquid and vapour. (H225) Causes serious eye irritation. (H319) Safety statement(s) General Prevention Wear eye protection. (P280) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210) Response

If eye irritation persists: Get medical advice/attention. (P337+P313) In case of fire: Use water mist/carbon dioxide/alcohol-resistant foam to extinguish. (P370+P378)



Storage

Store in a well-ventilated place. Keep cool. (P403+P235)

Disposal

Dispose of contents/container in accordance with local regulation

. (P501)

Hazardous substances None known.

Additional labelling

Active substance(s): ethanol (72.8 g/100g) propan-2-ol (2.25 g/100g) UFI: X000-A0PG-V002-2NTH

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: 01-2119457610-43-00XX Index No.: 603-002-00-5	60-80%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 (SCL: 50.00 %)	
propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 REACH: 2119457558-25-XXXX Index No.: 603-117-00-0	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns



Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure. Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/lighting/ventilating] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Recommended storage material

Always store in containers of the same material as the original container.



Fire class

In accordance with the statutory order on flammable liquids the product is classified as a liquid of class I, subclass 2 (1 storage unit = 1 liter).

Storage temperature

No specific requirements

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ethanol

Long term exposure limit (8 hours) (mg/m³): 1900 Long term exposure limit (8 hours) (ppm): 1000 Short term exposure limit (15 minutes) (mg/m³): 3800 Short term exposure limit (15 minutes) (ppm): 2000

propan-2-ol

Long term exposure limit (8 hours) (mg/m³): 490 Long term exposure limit (8 hours) (ppm): 200 Short term exposure limit (15 minutes) (mg/m³): 980 Short term exposure limit (15 minutes) (ppm): 400

Statutory order 1054 on exposure limits for substances and mixtures (28/06/2022)

DNEL

ethanoi		
Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	114 mg/m³
Long term – Systemic effects - Workers	Inhalation	950 mg/m3 500 ppm
Long term – Systemic effects - Workers	Inhalation	380 mg/m³
Short term – Local effects - General population	Inhalation	950 mg/m³
Short term – Local effects - Workers	Inhalation	1900 mg/m3 1000 ppm
Short term – Local effects - Workers	Inhalation	1900 mg/m³
Long term – Systemic effects - General population	Oral	87 mg/kg bw/day

propan-2-ol		
Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	89 mg/m3
Long term – Systemic effects - General population	Inhalation	89 mg/m³
Long term – Systemic effects - Workers	Inhalation	500 mg/m3
Long term – Systemic effects - Workers	Inhalation	500 mg/m³
Short term – Systemic effects - General population	Inhalation	178 mg/m³
Short term – Systemic effects - Workers	Inhalation	1000 mg/m³
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Short term – Systemic effects - General population	Oral	51 mg/kg bw/day



PNEC

propan-2-ol		
Route of exposure	Duration of Exposure	PNEC
Freshwater	Single	140,9 mg/l
Freshwater sediment	Single	552 mg/kg
Marine water	Single	140,9 mg/l
Sewage treatment plant	Single	251 mg/l
Soil	Single	28 mg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis. General recommendations

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

8.3. Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.3	> 120	EN374-2, EN374-3, EN388	

Eye protection

Туре	Standards
No special when used as intended.	-

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Physical state
Liquid

Colour
Colourless
Odour / Odour threshold
Alcohol odor
pH
ca. 7,0
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Density (g/cm³) g/cm3
Kinematic viscosity Testing not relevant or not possible due to the nature of the product. Particle characteristics
Does not apply to liquids. Phase changes
Melting point/Freezing point (°C) Testing not relevant or not possible due to the nature of the product.
Softening point/range (waxes and pastes) (°C) Does not apply to liquids.
Boiling point (°C) 80
Vapour pressure Testing not relevant or not possible due to the nature of the product.
Relative vapour density Testing not relevant or not possible due to the nature of the product. Decomposition temperature (°C)
Testing not relevant or not possible due to the nature of the product. Data on fire and explosion hazards
Flash point (°C) 22
Auto-Ignition (°C) Testing not relevant or not possible due to the nature of the product.
Flammability (°C) Testing not relevant or not possible due to the nature of the product.
Lower and upper explosion limit (% v/v) Testing not relevant or not possible due to the nature of the product.
Solubility Solubility in water Completely soluble
n-octanol/water coefficient Testing not relevant or not possible due to the nature of the product.
Solubility in fat (g/L) Testing not relevant or not possible due to the nature of the product.
9.2. Other information Other physical and chemical parameters
No data available.
SECTION 10: Stability and reactivity
10.1. Reactivity No data available.
10.2. Chemical stability The product is stable under the conditions, noted in section 7 "Handling and storage".
 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid
Avoid static electricity. Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
10.5. Incompatible materials Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. Hazardous decomposition products The product is not degraded when used as specified in section 1.
SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity

Acute toxicity	
Product/substance	ethanol
Test method	



Species Route of exposure Test Result Other information	Rat Inhalation LC50 20000 ppm ·
Product/substance Test method	ethanol
Species	Rat
Route of exposure	Oral
Test Result	LC50 14400 mg/kg ·
Other information	
Product/substance Test method	ethanol
Species	Rat
Route of exposure	Oral
Test	LD50
Result Other information	7000 mg/kg ·
Product/substance Test method	ethanol
Species	Dog
Route of exposure	Oral
Test Result	LD lo
Other information	5500 mg/kg ·
Product/substance	propan-2-ol
Test method	L .L
Species	Rat
Route of exposure	Oral
Test Result	LD50 4570 mg/kg ·
Other information	4570 mg/kg
Product/substance	propan-2-ol
Test method	
Species	Rabbit
Route of exposure Test	LD50
Result	13400 mg/kg ·
Other information	
kin corrosion/irritation Based on available data	the classification criteria are not met.
erious eye damage/irritat	
Causes serious eye irrita	
Based on available data,	the classification criteria are not met.
kin sensitisation Based on available data,	the classification criteria are not met.
erm cell mutagenicity Based on available data	the classification criteria are not met.
arcinogenicity	
eproductive toxicity	the classification criteria are not met.
Based on available data, OT-single exposure	the classification criteria are not met.
	the classification criteria are not met.
	the classification criteria are not met.
spiration hazard	



11.2. Information on other hazards

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure. Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

None known.

Other information

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ethanol has been classified by IARC as a group 1 carcinogen. propan-2-ol has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

2.1. Toxicity Product/substance Test method Species Compartment Duration Test Result Other information	ethanol Algae 7 days IC50 5000 mg /l ·
Product/substance Test method Species Compartment Duration Test Result Other information	ethanol Fish 96 hours LC50 13480 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	ethanol Daphnia 48 hours EC50 5400 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	propan-2-ol Fish 96 hours LC50 9640-10000 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	propan-2-ol Algae 72 hours EC10 1800 mg/l ·
Product/substance Test method Species Compartment	propan-2-ol Daphnia



Duration	24 hours
Test	LC50
Result	9714-10000 mg/l ·
Other information	2

12.2. Persistence and degradability

Product/substance	ethanol
Biodegradable	Yes
Test method	OECD 301 E
Result	94%
Result	94%

Product/substance	propan-2-ol
Biodegradable	Yes
Test method	OECD 301 E
Result	95%

12.3. Bioaccumulative potential

Product/substance	ethanol
Test method	
Potential bioaccumulation	No
LogPow	No data available.
BCF	0.66
Other information	

propan-2-ol
No
0,0500
No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is covered by the regulations on hazardous waste. HP 3 - Flammable HP 4 - Irritant (skin irritation and eye damage) Dispose of contents/container to an approved waste disposal plant. Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

20 01 13* Solvents Waste group C: Waste with high energy content Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	UN1987	ALCOHOLS, N.O.S.	Class: 3	II	No	Limited quantities:



	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatior
		(ethanol)	Labels: 3 Classification code: F1			1 L Tunnel restriction code: (D/E) See below for additional information.
IMDG	UN1987	ALCOHOLS, N.O.S. (ethanol)	Class: 3 Labels: 3 Classification code: F1	Ш	No	Limited quantities: 1 L EmS: F-E S-D See below for additional information.
ΙΑΤΑ	UN1987	ALCOHOLS, N.O.S. (ethanol)	Class: 3 Labels: 3 Classification code: F1	Π	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

Biocidal Products Regulations

Product type: PT2 - Disinfectants and algaecides not intended for direct application to humans or animals Restrictions on use:

Directions for use and dose rate:

Additional information:

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Product registration number 4169189

Additional information

Not applicable.

Sources

The Danish Working Environment Authority's executive order no. 239 of 6 April 2005 on young people's work. Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work. Pregnant workers and workers who are breastfeeding (AT Guide A.1.8-6, amended 2020).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. Executive Order no. 372 of 25 April 2016 on control of the risk of major accidents with dangerous substances. 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.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.

H319, Causes serious eye irritation.

H336, May cause drowsiness or dizziness.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor CAS = Chemical Abstracts Service CE = Conformité Européenne CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IARC = International Agency for Research on Cancer (IARC) IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) OECD = Organisation for Economic Co-operation and Development PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail RRN = REACH Registration Number SCL = A specific concentration limit SVHC = Substances of Very High Concern STOT-RE = Specific Target Organ Toxicity - Repeated Exposure STOT-SE = Specific Target Organ Toxicity - Single Exposure TWA = Time weighted average UN = United Nations UVBC = Unknown or variable composition, complex reaction products or of biological materials VOC = Volatile Organic Compound vPvB = Very Persistent and Very Bioaccumulative



Additional information

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the mixture in regard to physical hazards has been based on experimental data.

The safety data sheet is validated by

MA

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: DK-en