



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

Sauber Schaum PLUS

Print date 21.09.2021
Revision date 21.09.2021
Version 1.0

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

remark

The product is intended for professional use.

1.1 Product identifier

Product category

Chemical products (excludes biocidal products)

PC-CLN-OTH Other cleaning, care and maintenance products (excludes biocidal products)

Trade name/designation Sauber Schaum PLUS

Unique Formula Identifier N7NW-2878-WR30-FG38

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

Relevant identified uses

Product categories [PC]

PC35 Washing and cleaning products (including solvent based products)

1.3 Details of the supplier of the safety data sheet

Supplier

Pantera Product GmbH

Simon-Bolivar-Str. 29

DE-28197 Bremen

Telephone: +49 (0)421 - 520 80 780

Telefax: +49 (0)421 - 520 80 789

E-mail: info@panteraproduct.de

www.panteraproduct.de

1.4 Emergency telephone number

Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein, Universität Göttingen (GIZ-Nord), Telefon 0551 / 19 240

Emergency call: 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Additional information

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

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

health hazards

Eye Irrit. 2

hazard statements for health hazards

H319 Causes serious eye irritation.

Physical hazards

Aerosol 1

hazard statements for physical hazards

H222 H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

2.2 Label elements

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

Hazard components for labelling

Enthält: 5 - 15% aliphatische Kohlenwasserstoffe, <5% anionische Tenside, Duftstoffe (Citral, D-Limonene)



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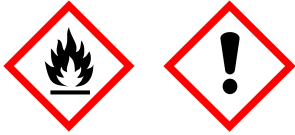
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contains: 5 - 15% aliphatic hydrocarbons, <5% anionic surfactants, fragrances (citral, d-limonene)

Hazard pictograms



GHS02

GHS07

Signal word

Danger

Hazard statements

Hazard statements for physical hazards

H222 H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

hazard statements for health hazards

H319 Causes serious eye irritation.

Precautionary statements

General:

P102 Keep out of reach of children.

Prevention

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

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

Response:

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

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal:

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

2.3 Other hazards

Adverse physicochemical effects

Caution! Container under pressure. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition / information on ingredients

Additional information

Full text of H- and EUH-phrases: see section 16.

3.1/3.2 Substances/Mixtures

Hazardous ingredients

propan-2-ol 10 - <20 %

CAS 67-63-0

EC 200-661-7

INDEX 603-117-00-0

Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336



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propane	1 - <2,5 %
CAS 74-98-6	
EC 200-827-9	
INDEX 601-003-00-5	
Flam. Gas 1, H220 / Press. Gas, / Liquef. Gas, H280	
isobutane	2,5 - 10 %
CAS 75-28-5	
EC 200-857-2	
INDEX 601-004-00-0	
Flam. Gas 1, H220 / Press. Gas, / Liquef. Gas, H280	
2-butoxyethanol	0 - <1 %
CAS 111-76-2	
EC 203-905-0	
INDEX 603-014-00-0	
Acute Tox. 4, H332 / Acute Tox. 4, H312 / Acute Tox. 4, H302 / Eye Irrit. 2, H319 / Skin Irrit. 2, H315	
ammonia ...%	0 - <1 %
CAS 1336-21-6	
EC 215-647-6	
INDEX 007-001-01-2	
Skin Corr. 1B, H314 / Aquatic Acute 1, H400	
Sodium N-lauroylsarcosinate	0 - <1 %
CAS 137-16-6	
EC 205-281-5	
Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Acute Tox. 2, H330	

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

Following skin contact

Wash immediately with:

Water and soap

In case of skin irritation, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

No symptoms known up to now.



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4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

Additional information

Burning produces heavy smoke. Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.1 Extinguishing media

Suitable extinguishing media

Dry extinguishing powder

Foam

Carbon dioxide (CO₂)

Water mist

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide

Carbon dioxide (CO₂)

5.3 Advice for firefighters

Special protective equipment for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Remove persons to safety.

Personal precautions

Use personal protection equipment. Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction.

Protective equipment

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up:

Sand

Kieselguhr

Earth

Universal binder



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Sawdust

6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advices on safe handling

Wear personal protection equipment (refer to section 8). Do not spray on naked flames or any incandescent material.

Avoid:

Inhalation of vapours or spray/mists

Skin contact

Eye contact

Measures to prevent fire

Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Use only antistatically equipped (spark-free) tools. Vapours can form explosive mixtures with air. Usual measures for fire prevention. Keep away from sources of ignition - No smoking.

Environmental precautions

See section 8.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed. Ensure adequate ventilation of the storage area.

Hints on joint storage

Materials to avoid

Keep away from:

Food and feedingstuffs

Do not store together with:

Combustible substance

Storage class

Aerosol dispensers and lighters

Storage class

2B

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

biological limit values

Limit value type (country of origin):

BGW (DE).

Substance name Propan-2-ol



CAS No. 67-63-0

parameter

Aceton

Limit value 25 mg/L

Test material:

Whole blood (B)

Time of sampling:

End of exposure or end of shift

Limit value type (country of origin):

BGW (DE).

Substance name Propan-2-ol

CAS No. 67-63-0

parameter

Aceton

Limit value 25 mg/L

Test material:

Urine (U)

Time of sampling:

End of exposure or end of shift

DNEL-/PNEC-values

DNEL Consumer

Substance name propan-2-ol

type

Long-term – inhalation, systemic effects

Value 89 mg/m³

Substance name propan-2-ol

type

Long-term - dermal, systemic effects

Value 319 mg/kg

Substance name propan-2-ol

type

Long-term - oral, systemic effects

Value 26 mg/kg

Substance name 2-butoxyethanol

type

Long-term – inhalation, systemic effects

Value 59 mg/m³

Substance name 2-butoxyethanol

type

Acute - inhalation, local effects

Value 147 mg/m³

Substance name 2-butoxyethanol

type

Acute - inhalation, systemic effects

Value 426 mg/m³

Substance name 2-butoxyethanol



type

Long-term - dermal, systemic effects

Value 75 mg/kg

Substance name 2-butoxyethanol

type

Acute – dermal, systemic effects

Value 89 mg/kg

Substance name 2-butoxyethanol

type

Long-term - oral, systemic effects

Value 6,3 mg/kg

Substance name 2-butoxyethanol

Value 26,7 mg/kg

DNEL worker

Substance name propan-2-ol

type

Long-term – inhalation, systemic effects

Value 500 mg/m³

Substance name propan-2-ol

type

Long-term - dermal, systemic effects

Value 888 mg/kg

Substance name 2-butoxyethanol

type

Long-term – inhalation, systemic effects

Value 98 mg/m³

Substance name 2-butoxyethanol

type

Acute - inhalation, systemic effects

Value 1091 mg/m³

Substance name 2-butoxyethanol

type

Acute - inhalation, local effects

Value 246 mg/m³

Substance name 2-butoxyethanol

type

Long-term - dermal, systemic effects

Value 125 mg/kg

Substance name 2-butoxyethanol

type

Acute – dermal, systemic effects

Value 89 mg/kg



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8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection:

Eye glasses with side protection

Recommended eye protection articles

DIN-/EN-Norms

DIN EN 166

Skin protection

Suitable material:

NBR (Nitrile rubber)

Breakthrough time: >240 min

Thickness of the glove material >=0,7 mm

Recommended glove articles

DIN-/EN-Norms

EN ISO 374

remark

Breakthrough times and swelling properties of the material must be taken into consideration. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Body protection:

Recommended protective clothing articles

DIN-/EN-Norms

DIN EN ISO 13688

DIN-/EN-Norms

DIN EN ISO 20345

Respiratory protection

Respiratory protection necessary at:
exceeding exposure limit values

Suitable respiratory protection apparatus:

Full-/half-/quarter-face masks (DIN EN 136/140)

ABEK-P2

remark

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

Aerosol

Colour

white

Odour

fruity



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parameter	Method - source - remark
Evaporation rate	not determined
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
flammability	not determined
Upper explosion limit 10,9 Vol-%	(propellant)
lower explosion limit 1,5 Vol-%	(propellant)
Flash point (°C)	not determined
Auto-ignition temperature >200 °C	
Decomposition temperature	not determined
pH <11,5	
Soluble (g/L) in	not determined
Fat solubility	not determined
Water solubility	not determined
Partition coefficient: n-octanol/water	not determined
Vapour pressure	not determined
Vapour density	not determined
Relative density 0,953 g/cm ³ Temperature 20 °C	
particle characteristics	not determined

9.2 Other information

Solvent content

Value 22 %

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

In case of warming:

Danger of bursting container.

10.5 Incompatible materials

Materials to avoid

Oxidising agent, strong

10.6 Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.



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Carbon dioxide
Carbon monoxide
aldehydes

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute dermal toxicity

ingredient propan-2-ol

Acute dermal toxicity >2000 mg/kg

Effective dose

LD50:

Species:

Rabbit

ingredient 2-butoxyethanol

Acute dermal toxicity 1000 - 2000 mg/kg

Effective dose

LD50:

Species:

Rat

Acute inhalation toxicity (vapour)

ingredient propan-2-ol

Acute inhalation toxicity (vapour) >20 mg/L

Effective dose

LC50:

Exposure time 4 h

Species:

Rat

ingredient 2-butoxyethanol

Acute inhalation toxicity (vapour) 2 - 20 mg/kg

Effective dose

LC50:

Species:

Rat

Acute oral toxicity

ingredient propan-2-ol

Acute oral toxicity >2000 mg/kg

Effective dose

LD50:

Species:

Rat

ingredient 2-butoxyethanol

Acute oral toxicity 300 - 2000 mg/kg

Effective dose

LD50:



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Species:

Rat

skin corrosion/irritation

Assessment/classification

non-irritant.

Serious eye damage/irritation

Assessment/classification

strongly irritant.

Respiratory or skin sensitisation

Sensitisation to the respiratory tract

Assessment/classification

no danger of sensitization.

Skin sensitisation

Result / evaluation

not sensitising.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

Before intended use

Waste code product 160504

hazardous waste Yes.

Waste name

gases in pressure containers (including halons) containing hazardous substances

After intended use

Appropriate disposal / Product

Waste disposal according to official state regulations.

Waste code packaging 150104

hazardous waste No



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Waste name

metallic packaging

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	1950	1950	1950
14.2 Proper Shipping Name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3 Class(es)	2	2.1	2.1
14.4 Packing group			
14.5 ENVIRONMENTALLY HAZARDOUS	No	No	No
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Maritime transport in bulk according to IMO instruments	not applicable	not applicable	not applicable

Additional information - Land transport (ADR/RID)

Hazard label(s) 2.1
Classification code 5F
Limited quantity (LQ) 1 L
tunnel restriction code D
transport category 2

Additional information - Air transport (ICAO-TI / IATA-DGR)

Limited quantity (LQ) 30

SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

Volatile organic compounds (VOC) content in percent by weight: 22 weight-%

VOC-value 205 g/L

To follow:

Aerosol directive (75/324/EEC)

Regulation (EC) No. 648/2004 (Detergents regulation)

5 - 15% aliphatisch Kohlenwasserstoffe (aliphatic hydrocarbons)

< 5% anionische Tenside (anionic surfactants), Duftstoffe (fragrances): Citral, D-Limonene

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

See overview table at www.euphrac.eu



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For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

See SECTION 2.1 (classification).

Indication of changes

* Data changed compared with the previous version

Additional information

Data arise from reference works and literature.

Relevant R-, H- and EUH-phrases (Number and full text)

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H314 Causes severe skin burns and eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.