

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.07.2018

Version number 1

Revision: 09.03.2018

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

1.1 Product identifier

- Trade name: **SunSept wipes (NR, SELECT, SOFT, PREMIUM, FLOW BIG)**

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

- Application of the substance / the mixture *Disinfectant*

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

PRISMAN GmbH
Otto Hahn Ring 6-18
D-64653 Lorsch
Germany

Further information obtainable from:

Abteilung Produktsicherheit
Alexander.Metz@prisman.de

- 1.4 Emergency telephone number: ++49 (0)6251 866980-0, Mo - Fr 8-18 Uhr

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Sol. 1 H228 Flammable solid.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- Hazard pictograms



GHS02



GHS05



GHS07

- Signal word *Danger*

- Hazard-determining components of labelling:

propan-1-ol

- Hazard statements

H228 Flammable solid.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

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· **Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 Wear eye protection / face 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.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**


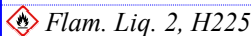
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

| | | |
|-------------------|---|--------|
| CAS: 71-23-8 | propan-1-ol | 25-50% |
| EINECS: 200-746-9 |  | |
| CAS: 64-17-5 | ethanol | 10-25% |
| EINECS: 200-578-6 |  | |

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

· **5.3 Advice for firefighters**

- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

- **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.

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- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Use only in well ventilated areas.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **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 data; see item 7.

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

71-23-8 propan-1-ol

| | |
|-----|---|
| WEL | Short-term value: 625 mg/m ³ , 250 ppm |
| | Long-term value: 500 mg/m ³ , 200 ppm |
| | Sk |

64-17-5 ethanol

| | |
|-----|--|
| WEL | Long-term value: 1920 mg/m ³ , 1000 ppm |
|-----|--|

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

· 8.2 Exposure controls

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

- **Respiratory protection:** Not required.

- **Protection of hands:**

Not required.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· **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.

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

Butyl rubber, BR

· **Eye protection:**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Liquid on inert carrier material

Colour: White

· **Odour:** Characteristic

· **pH-value at 20 °C:** 6

· **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 78 °C

· **Flash point:** 25 °C

· **Flammability (solid, gas):** Highly flammable.

· **Ignition temperature:** 360 °C

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

Lower: 2,1 Vol % (Tränkflüssigkeit)

Upper: 15,0 Vol % (Tränkflüssigkeit)

· **Vapour pressure at 20 °C:** 59 hPa

· **Density at 20 °C:** 0,88 g/cm³ (Tränkflüssigkeit)

· **Solubility in / Miscibility with water:**

Soluble.

· **Solvent content:**

Organic solvents: 61 % (liquid)

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

· **10.2 Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

| | | |
|------|------|------------------|
| Oral | LD50 | 5054 mg/kg (rat) |
|------|------|------------------|

71-23-8 propan-1-ol

| | | |
|------|------|------------------|
| Oral | LD50 | 1870 mg/kg (rat) |
|------|------|------------------|

| | | |
|--------|------|---------------------|
| Dermal | LD50 | 5040 mg/kg (rabbit) |
|--------|------|---------------------|

64-17-5 ethanol

| | | |
|------|------|------------------|
| Oral | LD50 | 7060 mg/kg (rat) |
|------|------|------------------|

| | | |
|------------|----------|------------------|
| Inhalative | LC50/4 h | 20000 mg/l (rat) |
|------------|----------|------------------|

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

| | |
|----------|--|
| 07 00 00 | WASTES FROM ORGANIC CHEMICAL PROCESSES |
| 07 06 00 | wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics |
| 07 06 99 | wastes not otherwise specified |

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, IMDG, IATA**

UN3175

· **14.2 UN proper shipping name**

· **ADR**

3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), n-PROPANOL (PROPYL ALCOHOL, NORMAL))

· **IMDG**

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), n-PROPANOL (PROPYL ALCOHOL, NORMAL))

· **IATA**

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL, n-PROPANOL (PROPYL ALCOHOL, NORMAL))

· **14.3 Transport hazard class(es)**

· **ADR, IMDG, IATA**



· **Class**

4.1 Flammable solids, self-reactive substances and solid desensitised explosives.

· **Label**

4.1

· **14.4 Packing group**

· **ADR, IMDG, IATA**

II

· **14.5 Environmental hazards:**

· **Marine pollutant:**

No

· **14.6 Special precautions for user**

Warning: Flammable solids, self-reactive substances and solid desensitised explosives.

· **Danger code (Kemler):**

40

· **EMS Number:**

F-A,S-I

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

Not applicable.

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· Transport/Additional information:

· ADR

· **Limited quantities (LQ)**

1 kg

· **Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

· **Transport category**

2

· **Tunnel restriction code**

E

· IMDG

· **Limited quantities (LQ)**

1 kg

· **Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

· **UN "Model Regulation":**

UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID,
N.O.S. (ETHANOL (ETHYL ALCOHOL), N-PROPANOL
(PROPYL ALCOHOL, NORMAL)), 4.1, II

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008 GHS label elements
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H225 Highly flammable liquid and vapour.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

· **Department issuing SDS:** Abteilung Produktsicherheit

· **Contact:** Hr. Dr. Metz

· 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 Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (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 Harmonised 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

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Sol. 1: Flammable solids – Category 1

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· *** Data compared to the previous version altered.**