

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

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

1.1 Product identifier

Trade name

Sanifresh cleaning spray display

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

Relevant identified uses of the substance or mixture

Cleaner

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

ROTHENBERGER Werkzeuge GmbH
Industriestraße 7
65779 Kelkheim

Telephone no. +49 (0) 61 95 / 800 - 1
Fax no. +49 (0) 6195 / 800 - 3500
e-mail info@rothenberger.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222
Eye Irrit. 2; H319
STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms



GHS02



GHS07

Signal word

Danger

Hazardous component(s) to be indicated on label:

propan-2-ol

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

Hazard statement(s)

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Hazard statements (EU)

EUH208 Contains glyoxal. May produce an allergic reaction.

Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P211 Do not spray on an open flame or other ignition source.
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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container to a facility in accordance with local/regional/national/international regulations.

2.3 Other hazards

Vapours can form an explosive mixture with air.

PBT assessment
No data available.

vPvB assessment
No data available.

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

| No | Substance name | Additional information | |
|----|---|---|--------------------------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration % |
| 1 | Hydrocarbons, C4, Petroleum gas | | |
| | 87741-01-3 289-339-5 649-113-00-2 01-2119480480-41 | Flam. Gas 1; H220 Press. Gas compr.; H280 | >= 50.00 - < 70.00 %b.w. |
| 2 | propan-2-ol | | |
| | 67-63-0 200-661-7 603-117-00-0 01-2119457558-25 | Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336 | >= 10.00 - < 25.00 %b.w. |
| 3 | propane | | |
| | 74-98-6 200-827-9 601-003-00-5 01-2119486944-21 | Flam. Gas 1; H220 Press. Gas liq.; H280 | >= 10.00 - < 25.00 %b.w. |
| 4 | acetone | | |
| | 67-64-1 200-662-2 606-001-00-8 01-2119471330-49 | EUH066 Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336 | < 2.50 %b.w. |
| 5 | glyoxal | | |
| | 107-22-2 203-474-9 605-016-00-7 01-2119461733-37 | Acute Tox. 4*; H332 Eye Irrit. 2; H319 Muta. 2; H341 Skin Irrit. 2; H315 Skin Sens. 1; H317 | < 0.50 %b.w. |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, **, ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|-------------------------------|------------------|--------------------|
| 3 | U | - | - | - |

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

After skin contact

In case of contact with skin wash off with water. In case of frostbite, rinse with plenty of water. Do not remove clothing. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

After ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Frostbite

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Water spray jet; Foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); In case of fire: danger of pressure build up, which could result in container rupture. Formation of explosive mixtures with air is possible.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Run-off water from fire fighting must not be discharged into drains or enter surface water. Drums can explode from steam pressure. Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Evacuate all unprotected personnel from the danger zone. Keep away sources of ignition.

For emergency responders

Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Ensure adequate ventilation.

6.4 Reference to other sections

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far as it is possible by the state of the art. Ensure adequate ventilation. Open and handle container with care. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. No sparking tools should be used. Take precautionary measures against static charges.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Protect from temperatures over 50°C.

Recommended storage temperature

Value < 50 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

Advice on storage assembly

Substances to be avoided, pls. See chapter 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

| No | Substance name | CAS no. | EC no. |
|---|---|------------------------|-----------|
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| | Propan-2-ol | | |
| | WEL short-term (15 min reference period) | 1250 mg/m ³ | 500 ppm |
| | WEL long-term (8-hr TWA reference period) | 999 mg/m ³ | 400 ppm |
| 2 | acetone | 67-64-1 | 200-662-2 |
| | 2000/39/EC | | |
| | Acetone | | |
| | WEL long-term (8-hr TWA reference period) | 1210 mg/m ³ | 500 ppm |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| | Acetone | | |
| | WEL short-term (15 min reference period) | 3620 mg/m ³ | 1500 ppm |
| | WEL long-term (8-hr TWA reference period) | 1210 mg/m ³ | 500 ppm |

DNEL, DMEL and PNEC values**DNEL values (worker)**

| Exposure values (workers) | | | | | |
|---------------------------|-------------------|---------------------|----------|----------------------|-----------|
| No | Substance name | | | CAS / EC no | |
| | Route of exposure | Exposure time | Effect | Value | |
| 1 | propan-2-ol | | | 67-63-0 200-661-7 | |
| | dermal | Long term (chronic) | systemic | 888 | mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 500 | mg/m³ |
| 2 | acetone | | | 67-64-1 200-662-2 | |
| | dermal | Long term (chronic) | systemic | 186 | mg/kg/day |
| | inhalative | Short term (acut) | local | 2420 | mg/m³ |
| | inhalative | Short term (acut) | systemic | 1210 | mg/m³ |

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

DNEL value (consumer)

| No | Substance name | | | CAS / EC no |
|----|--------------------|---------------------|----------|------------------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | propan-2-ol | | | 67-63-0 200-661-7 |
| | oral | Long term (chronic) | systemic | 26 mg/kg/day |
| | dermal | Long term (chronic) | systemic | 319 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 89 mg/m ³ |
| 2 | acetone | | | 67-64-1 200-662-2 |
| | oral | Long term (chronic) | systemic | 62 mg/kg/day |
| | dermal | Long term (chronic) | systemic | 62 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 200 mg/m ³ |

PNEC values

| No | Substance name | | CAS / EC no |
|----|--|-----------------------|------------------------------------|
| | ecological compartment | Type | Value |
| 1 | propan-2-ol | | 67-63-0 200-661-7 |
| | water | fresh water | 140.9 mg/L |
| | water | marine water | 140.9 mg/L |
| | water | fresh water sediment | 552 mg/L |
| | water | marine water sediment | 552 mg/L |
| | water | Aqua intermittent | 140.9 |
| | soil | - | 28 mg/kg |
| | sewage treatment plant | - | 2251 mg/L |
| | secondary poisoning with reference to: food | - | 160 mg/kg |
| 2 | acetone | | 67-64-1 200-662-2 |
| | water | fresh water | 10.6 mg/L |
| | water | marine water | 1.06 mg/L |
| | water | Aqua intermittent | 21 mg/L |
| | water | fresh water sediment | 30.4 mg/kg |
| | water | marine water sediment | 3.04 mg/kg |
| | soil | - | 29.5 mg/kg |
| | sewage treatment plant | - | 100 mg/L |

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respiratory filter (gas) : AX

Respiratory filter (part): P

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| | |
|--|----------|
| Form/Colour | |
| Aerosol | |
| colourless | |
| Odour | |
| characteristic | |
| Odour threshold | |
| No data available | |
| pH value | |
| No data available | |
| Boiling point / boiling range | |
| No data available | |
| Melting point / melting range | |
| No data available | |
| Decomposition point / decomposition range | |
| No data available | |
| Flash point | |
| No data available | |
| Auto-ignition temperature | |
| No data available | |
| Oxidising properties | |
| No data available | |
| Explosive properties | |
| No data available | |
| Flammability (solid, gas) | |
| No data available | |
| Lower flammability or explosive limits | |
| No data available | |
| Upper flammability or explosive limits | |
| No data available | |
| Vapour pressure | |
| No data available | |
| Vapour density | |
| No data available | |
| Evaporation rate | |
| No data available | |
| Relative density | |
| Value | 0.6 |
| Source | supplier |

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

| Density | | | |
|--|----------------|----------|-----------|
| No data available | | | |
| Solubility in water | | | |
| Source | | supplier | |
| Comments | | soluble | |
| Solubility(ies) | | | |
| No data available | | | |
| Partition coefficient: n-octanol/water | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| log Pow | | 0.05 | |
| Reference temperature | | 25 | °C |
| Source | | ECHA | |
| 2 | propane | 74-98-6 | 200-827-9 |
| log Pow | | appr. | 1.8 |
| Method | | QSAR | |
| Source | | ECHA | |
| Viscosity | | | |
| No data available | | | |
| Solvent content | | | |
| Value | | 97.5 | % |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Reactions with oxygen. May react violently with oxygen-rich (oxidizing) material. Risk of explosion.

10.4 Conditions to avoid

Heat, naked flames or other ignition sources, electrostatic charge and discharge, formation of vapours/aerosols.

10.5 Incompatible materials

Oxidizing agents; Reducing agents; Acids; Bases

10.6 Hazardous decomposition products

None if stored, handled and transported properly.

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| Acute oral toxicity | | | |
|-----------------------------|---|---------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| LD50 | | 5840 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| 2 | acetone | 67-64-1 | 200-662-2 |
| LD50 | | 5800 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| Acute dermal toxicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | acetone | 67-64-1 | 200-662-2 |
| LD50 | | 15800 | mg/kg bodyweight |
| Species | > rabbit | | |
| Source | ECHA | | |
| Acute inhalational toxicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| LC50 | | 10000 | ppmV |
| Duration of exposure | > 6 | | h |
| State of aggregation | Gas | | |
| Species | rat | | |
| Method | OECD 403 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| 2 | propane | 74-98-6 | 200-827-9 |
| LC50 | | 800000 | ppmV |
| Duration of exposure | > 0.25 | | h |
| State of aggregation | Gas | | |
| Species | rat | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| 3 | acetone | 67-64-1 | 200-662-2 |
| LC50 | | 76 | mg/l |
| Duration of exposure | | 4 | h |
| State of aggregation | Vapour | | |
| Species | rat | | |
| Source | ECHA | | |
| Skin corrosion/irritation | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| Species | rabbit | | |
| Source | ECHA | | |
| Evaluation | non-irritant | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

| Serious eye damage/irritation | | | |
|-------------------------------|----------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| Species | | rabbit | |
| Method | | OECD 405 | |
| Source | | ECHA | |
| Evaluation | | irritant | |
| Evaluation/classification | | Based on available data, the classification criteria are met. | |

| Respiratory or skin sensitisation | | | |
|-----------------------------------|----------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| Route of exposure | | Skin | |
| Species | | guinea pig | |
| Method | | OECD 406 | |
| Source | | ECHA | |
| Evaluation | | non-sensitizing | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| Germ cell mutagenicity | | | |
|---------------------------|----------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| 2 | propane | 74-98-6 | 200-827-9 |
| Route of exposure | | inhalational | |
| Species | | Salmonella typhimurium | |
| Method | | OECD 471 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| Reproduction toxicity | | | |
|---------------------------|---------------------------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Hydrocarbons, C4, Petroleum gas | 87741-01-3 | 289-339-5 |
| Route of exposure | | inhalational | |
| NOAEC | | 10000 | ppm |
| Duration of exposure | | 13 | week/s |
| Species | | rat | |
| Method | | OECD 413 | |
| Source | | ECHA | |
| 2 | propane | 74-98-6 | 200-827-9 |
| Route of exposure | | inhalational | |
| Species | | rat | |
| Method | | OECD 422 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

| No | Substance name | CAS no. | EC no. |
|---------------------------|---------------------------------|---|-----------|
| 1 | Hydrocarbons, C4, Petroleum gas | 87741-01-3 | 289-339-5 |
| Route of exposure | | inhalational | |
| NOAEC | | 10000 | ppm |
| Species | | rats (male/female) | |
| Method | | OECD 413 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| 2 | propane | 74-98-6 | 200-827-9 |
| Route of exposure | | inhalational | |
| Species | | rat | |
| Method | | OECD 422 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

Aspiration hazard

No data available

SECTION 12: Ecological information**12.1 Toxicity**

| Toxicity to fish (acute) | | | |
|--------------------------|----------------|---------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| LC50 | | 9640 | mg/l |
| Duration of exposure | | 96 | h |
| Species | | Pimephales promelas | |
| Method | | OECD 203 | |
| Source | | ECHA | |
| 2 | acetone | 67-64-1 | 200-662-2 |
| LC50 | | 5540 | mg/l |
| Duration of exposure | | 96 | h |
| Species | | Oncorhynchus mykiss | |
| Source | | ECHA | |

Toxicity to fish (chronic)

No data available

| Toxicity to Daphnia (acute) | | | |
|-----------------------------|----------------|---------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | acetone | 67-64-1 | 200-662-2 |
| EC50 | | 8800 | mg/l |
| Duration of exposure | | 48 | h |
| Species | | Daphnia pulex | |
| Source | | ECHA | |

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability**Biodegradability**

| No | Substance name | CAS no. | EC no. |
|-------------------|---------------------------------|------------|-----------|
| 1 | Hydrocarbons, C4, Petroleum gas | 87741-01-3 | 289-339-5 |
| Value | | 70 | % |
| Duration | | 10 | day(s) |
| with reference to | Water | | |
| Source | ECHA | | |
| Evaluation | readily biodegradable | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| Type | BOD/COD | | |
| Value | | 53 | % |
| Duration | | 5 | day(s) |
| Source | ECHA | | |
| Evaluation | readily biodegradable | | |
| 3 | propane | 74-98-6 | 200-827-9 |
| Type | aerobic biodegradation | | |
| Value | | 50 | % |
| Duration | | 3 | d |
| Method | QSAR | | |
| Source | ECHA | | |
| Evaluation | readily biodegradable | | |
| 4 | acetone | 67-64-1 | 200-662-2 |
| Type | aerobic biodegradation | | |
| Value | | 90.9 | % |
| Duration | | 28 | day(s) |
| Method | OECD 301 B | | |
| Source | ECHA | | |
| Evaluation | readily biodegradable | | |

12.3 Bioaccumulative potential

| Partition coefficient: n-octanol/water | | | |
|--|----------------|---------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| log Pow | | 0.05 | |
| Reference temperature | | 25 | °C |
| Source | ECHA | | |
| 2 | propane | 74-98-6 | 200-827-9 |
| log Pow | appr. | 1.8 | |
| Method | QSAR | | |
| Source | ECHA | | |

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment | |
|------------------------------------|--------------------|
| PBT assessment | No data available. |
| vPvB assessment | No data available. |

Trade name: Sanifresh cleaning spray display**Product no.:** 85800**Current version :** 1.0.0, issued: 06.06.2019**Replaced version:** -, issued: -**Region:** GB**12.6 Other adverse effects**

No data available.

12.7 Other information**Other information**

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Dispose of according to all applicable regulations upon consultation of the local competent authorities and the disposer in a suitable and authorised disposal facility.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Compressed gas packaging under pressure. Do not open by force. Do not heat above 50°C. Dispose of compressed gas packagings only if completely discharged. Do not burn empty compressed gas packagings. Do not pierce, cut or weld uncleaned containers.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

| | |
|-------------------------|----------|
| Class | 2 |
| Classification code | 5A |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS |
| Tunnel restriction code | E |
| Label | 2.2 |

14.2 Transport IMDG

| | |
|----------------------|----------|
| Class | 2 |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS |
| EmS | F-D, S-U |
| Label | 2.2 |

14.3 Transport ICAO-TI / IATA

| | |
|----------------------|-------------------------|
| Class | 2.2 |
| UN number | UN1950 |
| Proper shipping name | Aerosols, non-flammable |
| Label | 2.2 |

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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

Not relevant

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.

No 3

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:

P3a

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Further information

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

Sources of key data used to compile the data sheet:

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

National Threshold Limit Values of the corresponding countries as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H220 | Extremely flammable gas. |
| H225 | Highly flammable liquid and vapour. |
| H280 | Contains gas under pressure; may explode if heated. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H332 | Harmful if inhaled. |
| H341 | Suspected of causing genetic defects |

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

| | |
|---|--|
| U | When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. |
|---|--|

Department issuing safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

Trade name: Sanifresh cleaning spray display

Product no.: 85800

Current version : 1.0.0, issued: 06.06.2019

Replaced version: -, issued: -

Region: GB

This information is based on our present knowledge and experience.
The safety data sheet describes products with a view to safety requirements.
It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.
Prod-ID 753554