

SDS Report

No. SHACPCH2013363601

Date: Jul. 31, 2020

Page 1 of 1

Orbizorb LLC
4715 N.27th Street, Milwaukee, WI 53209

SGS Ref. No. : SHCPCH200707004-SH
Sample Name : Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)
End Uses : For heavy duty hand cleansing, and also to decrease bacteria on the skin
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Jul 15, 2020
Last Information Date : Jul 30, 2020
SDS Preparation Period : Jul 15 –Jul 31, 2020

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200, and is provided per attached.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Cathy Cai
Approved Signatory



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

1 Identification

- **Product identifier**
- **Trade name:** Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:**
For heavy duty hand cleansing, and also to decrease bacteria on the skin
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Orbizorb LLC
4715 N.27th Street, Milwaukee, WI 53209
Tel:414-405-0223
E-mail:Info@dirteezeus.com
- **Other US contact point:** Not available
- **Further information obtainable from:** Orbizorb LLC
- **Emergency telephone number:**
Roy Scharrer
Tel:414-405-0223
- USA
Poison Center
Tel: + 1 800 222 1222
- **Reference Number:** SHCPCH200707004-SH; SHACPCH2013363601

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Information concerning particular hazards for human and environment:**
The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms** Not applicable.
- **Signal word** Not applicable.
- **Hazard-determining components of labeling:** Not applicable.
- **Hazard statements** Not applicable.
- **Precautionary statements** Not applicable.
- **Hazards not otherwise classified (HNOC)** No further relevant information available.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:**
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to Section 16.

- **Composition:**

| | | |
|------------|--|--------|
| 7732-18-5 | Water | 95.44% |
| 95481-62-2 | Dicarboxylic acid-dimethyl ester mixture | 2.0% |
| 9003-11-6 | 2-Methyloxirane | 0.6% |
| 61790-81-6 | PEG-75 Lanolin | 0.5% |
| 56-81-5 | glycerol | 0.4% |

(Contd. on page 2)

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

Trade name: Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)

(Contd. of page 1)

| | | |
|-------------|--|-------|
| 25322-68-3 | Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated | 0.3% |
| 85507-69-3 | aloe vera, ext. | 0.3% |
| 110615-47-9 | D-Glucopyranoside, C10-16-alkyl, oligomeric ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315 | 0.15% |
| 8001-54-5 | Benzalkonium chloride ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312 | 0.13% |
| | Fragrance (132658 LIMELIFE MOD GNF) ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317 | 0.08% |
| 139-33-3 | disodium dihydrogenethylenediaminetetraacetate ⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H332 | 0.05% |
| 52-51-7 | bronopol (INN) ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335 | 0.03% |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 | 0.02% |

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Never give anything by mouth to an unconscious person.
Rinse out mouth with water.
Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Avoid contact with eyes.
Avoid contact with skin.
Ensure adequate ventilation.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

(Contd. on page 3)

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

Trade name: Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)

(Contd. of page 2)

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

7 Handling and storage

· **Precautions for safe handling:**

Avoid contact with eyes and skin.

Ensure good ventilation/exhaustion at the workplace.

Keep away from heat and direct sunlight.

Prevent formation of aerosols.

For the general occupational hygienic measures refer to Section 8.

· **Information about protection against explosions and fires:**

Normal measures for preventive fire protection.

Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Components with limit values that require monitoring at the workplace:**

56-81-5 glycerol (0.4%)

PEL (USA) Long-term value: 15* 5** mg/m³
mist; *total dust **respirable fraction

TLV (USA) TLV withdrawn-insufficient data human occup. exp.

25322-68-3 Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated (0.3%)

WEEL (USA) Long-term value: 10 mg/m³
(H); MW>200

· **Regulatory information**

PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)

TLV (USA): Guide to Occupational Exposure Values (ACGIH)

WEEL (USA): Guide to Occupational Exposure Values (AIHA WEELs)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Breathing equipment:** Suitable respiratory protective device recommended.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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.

· **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.

(Contd. on page 4)

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

Trade name: Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)

(Contd. of page 3)

· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **General Information**

· **Appearance:**

| | |
|--------------------------|----------------|
| · Form: | Liquid |
| · Color: | Light yellow |
| · Odor: | Chemical scent |
| · Odor threshold: | Not available. |

· **pH-value:** Not available.

· **Change in condition**

| | |
|---|----------------|
| · Melting point/Melting range: | Not available. |
| · Freezing point: | Not available. |
| · Boiling point / Boiling range: | Not available. |

· **Flash point:** Not available.

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-Ignition temperature:** Not available.

· **Decomposition temperature:** Not available.

· **Explosion limits:**

| | |
|-----------------|----------------|
| · Lower: | Not available. |
| · Upper: | Not available. |

· **Vapor pressure:** Not available.

· **Density:** Not available.

· **Relative density:** Not available.

· **Vapor density:** Not available.

· **Evaporation rate:** Not available.

· **Solubility in / Miscibility with**

· **Water:** Not available.

· **Partition coefficient (n-octanol/water):** Not available.

· **Viscosity:**

| | |
|---------------------|----------------|
| · Dynamic: | Not available. |
| · Kinematic: | Not available. |

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

10 Stability and reactivity

· **Reactivity:** No decomposition if used according to specifications.

· **Chemical stability:** Stable under recommended storage conditions.

· **Possibility of hazardous reactions:** No dangerous reactions known.

· **Conditions to avoid:** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

USA

(Contd. on page 5)

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

Trade name: Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)

(Contd. of page 4)

11 Toxicological information

· **Acute toxicity**

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

9003-11-6 2-Methyloxirane

| | | |
|------|------|---------------------|
| Oral | LD50 | 3,000 mg/kg (mouse) |
|------|------|---------------------|

| | | |
|--|--|-------------------|
| | | 5,700 mg/kg (rat) |
|--|--|-------------------|

| | | |
|--------|------|-----------------------|
| Dermal | LD50 | 35,000 mg/kg (rabbit) |
|--------|------|-----------------------|

56-81-5 glycerol

| | | |
|------|------|---------------------|
| Oral | LD50 | 4,090 mg/kg (mouse) |
|------|------|---------------------|

| | | |
|--|--|--------------------|
| | | 12,600 mg/kg (rat) |
|--|--|--------------------|

| | | |
|--|--|-----------------------|
| | | 27,000 mg/kg (rabbit) |
|--|--|-----------------------|

25322-68-3 Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated

| | | |
|------|------|--------------------|
| Oral | LD50 | 27,500 mg/kg (rat) |
|------|------|--------------------|

| | | |
|--------|------|------------------------|
| Dermal | LD50 | >20,000 mg/kg (rabbit) |
|--------|------|------------------------|

52-51-7 bronopol (INN)

| | | |
|------|------|-----------------|
| Oral | LD50 | 305 mg/kg (rat) |
|------|------|-----------------|

| | | |
|--------|------|-------------------|
| Dermal | LD50 | 1,600 mg/kg (rat) |
|--------|------|-------------------|

· **Primary irritant effect**

· **Skin corrosion/irritation:** Irritating effect possible.

· **Serious eye damage/irritation:** Irritating effect possible.

· **Respiratory or skin sensitisation:** Sensitization possible.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:** Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

Trade name: Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)

(Contd. of page 5)

- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **DOT, IMDG, IATA** Not applicable.
- **UN proper shipping name**
- **DOT, IMDG, IATA** Not applicable.
- **Transport hazard class(es)**
- **DOT, IMDG, IATA**
- **Class** Not applicable.
- **Label** Not applicable.
- **Packing group**
- **DOT, IMDG, IATA** Not applicable.
- **Environmental hazards** Not applicable.
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Not dangerous according to the above specifications.
- **UN "Model Regulation":** Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

52-51-7 bronopol (INN)

· **TSCA (Toxic Substances Control Act):**

| | | |
|-------------|--|--------|
| 7732-18-5 | Water | ACTIVE |
| 9003-11-6 | 2-Methyloxirane | ACTIVE |
| 61790-81-6 | PEG-75 Lanolin | ACTIVE |
| 56-81-5 | glycerol | ACTIVE |
| 25322-68-3 | Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated | ACTIVE |
| 110615-47-9 | D-Glucopyranoside, C10-16-alkyl, oligomeric | ACTIVE |
| 139-33-3 | disodium dihydrogenethylenediaminetetraacetate | ACTIVE |
| 52-51-7 | bronopol (INN) | ACTIVE |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one | ACTIVE |

· **Remark:**

FDA Drug Labeler Code:74572

DUNS Number: 55-262-3765

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

(Contd. on page 7)

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

Trade name: Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)

(Contd. of page 6)

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **New Jersey Right-to-Know List:**

56-81-5 glycerol

· **New Jersey Special Hazardous Substance List:**

None of the ingredients is listed.

· **Pennsylvania Right-to-Know List:**

56-81-5 glycerol

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

· **Carcinogen categories**

· **EPA (Environmental Protection Agency):**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

16 Other information

· **Relevant hazard statements**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

DISCLAIMER OF LIABILITY :

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision** 07/31/2020 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

(Contd. on page 8)

Safety Data Sheet

29 CFR 1910.1200

Printing date 07/31/2020

Version number 1

Reviewed on 07/28/2020

Trade name: *Rough and Smooth Heavy Duty Antiseptic Hand Sanitizer Wipes (Liquid part)*

(Contd. of page 7)

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
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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