

SDS Report

No. SHACPCH2010145702

Date: May. 12, 2020

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ZHEJIANG RUIBANG DAILY CHEMICAL CO., LTD.
West Side Of Pinghai Road Jiaxing Port P R China

SGS Ref. No. : SHCPCH200605387-SH
Sample Name : Hand Sanitizing /Antibacterial wipes 50 pieces bag
End Uses : Clean & Disinfection
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : May.05, 2020
Last Information Date : May.11, 2020
SDS Preparation Period : May 05 – May12, 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.

Remark:

This SDS is created on the basis of the evaluation of liquid in product.

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

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Safety Data Sheet

29 CFR 1910.1200

Printing date 06/11/2020


Version number 1


Reviewed on 06/01/2020

SECTION 1 Identification

- **Product identifier**
- **Trade name:** *Hand Sanitizing /Antibacterial wipes 50 pieces bag*
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** *Clean & Disinfection*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
ZHEJIANG RUIBANG DAILY CHEMICAL CO., LTD.
- *West Side Of Pinghai Road Jiaxing Port P R China*
- *Tel: 86-0571-81007847*
- *E-mail: jack_lin@renboonwipes.com*
- **Other US contact point:** *Not available*
- **Further information obtainable from:** *ZHE JIANG RUOLIN HYGIENIC PRODUCTS CO;LTD*
- **Emergency telephone number:**
Jack Lin
Tel:15825502056
- *USA*
Poison Center
Tel: + 1 800 222 1222
- **Reference Number:** *SHCPCH200605387-SH; SHACPCH2020115704*
- **Remark:** *This SDS is created on the basis of the evaluation of liquid in product.*

SECTION 2 Hazard(s) identification

- **Classification of the substance or mixture**
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
-  **GHS02 Flame**

Flam. Liq. 2 H225 Highly flammable liquid and vapor.
- **Information concerning particular hazards for human and environment:**
The product has 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**
-  **GHS02**
- **Signal word** *Danger*
- **Hazard-determining components of labeling:** *Not applicable.*
- **Hazard statements**
H225 Highly flammable liquid and vapor.
- **Precautionary statements**

<i>P210</i>	<i>Keep away from heat/sparks/open flames/hot surfaces. - No smoking.</i>
<i>P233</i>	<i>Keep container tightly closed.</i>
<i>P240</i>	<i>Ground/bond container and receiving equipment.</i>
<i>P241</i>	<i>Use explosion-proof electrical/ventilating/lighting/equipment.</i>

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- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Hazards not otherwise classified (HNOC)** No further relevant information available.

SECTION 3 Composition/information on ingredients

· **Chemical characterization:** Mixtures

· **Description:**

For the wording of the listed hazard statements refer to Section 16.
Mixture of the substances listed below with nonhazardous additions.

· **Composition:**

7732-18-5	Water	68.9-98.9%
64-17-5	ethanol ⚠ Flam. Liq. 2, H225	0-30%
122-99-6	2-Phenoxyethanol ⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319	0.5%
7173-51-5	didecyldimethylammonium chloride ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302	0.2%
56-81-5	glycerol	0.1%
57-55-6	propane-1,2-diol	0.1%
8001-54-5	Benzalkonium chloride ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312	0.1%
70445-33-9	3-(2-ethylhexyloxy)propane-1,2-diol ⚠ Eye Dam. 1, H318	0.1%

· **Remark:**

Water (CAS No. 7732-18-5)

Synonym: Aqua

Glycerol (CAS No. 56-81-5)

Synonym: Glycerin

3-(2-ethylhexyloxy)propane-1,2-diol (CAS No. 70445-33-9)

Synonym: Ethylhexylglycerin

2-Phenoxyethanol (CAS No. 122-99-6)

Synonym: Phenoxyethanol

Ethanol (CAS No. 64-17-5)

Synonym: Alcohol

Propane-1,2-diol (CAS No. 57-55-6)

Synonym: Propylene Glycol

SECTION 4 First-aid measures

· **Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

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- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately 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:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
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.

SECTION 5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet.
- **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.

SECTION 6 Accidental release measures

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

SECTION 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.
Keep receptacles tightly sealed.
Open and handle receptacle with care.
Prevent formation of aerosols.
For the general occupational hygienic measures refer to Section 8.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

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- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from flammable substances.
Store away from oxidizing agents.
Store away from foodstuffs.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

SECTION 8 Exposure controls/personal protection

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

64-17-5 ethanol (0-30%)

PEL (USA)	Long-term value: 1900 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV (USA)	Short-term value: 1880 mg/m ³ , 1000 ppm

56-81-5 glycerol (0.1%)

PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.

57-55-6 propane-1,2-diol (0.1%)

WEEL (USA)	Long-term value: 10 mg/m ³
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- **Regulatory information**

PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)
REL (USA): Guide to Occupational Exposure Values (NIOSH RELs)
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.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**
- **Appropriate engineering controls:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
See Section 7 for information about design of technical facilities.
- **Personal protective equipment**
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

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.

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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.
- **Eye protection:**



Tightly sealed goggles

SECTION 9 Physical and chemical properties

· General Information	
· Appearance:	
Form:	Solid.[Presaturated Wipe]
Color:	Clear
· Odor:	No Bad Odor
· Odor threshold:	Not available.
· pH-value at 25 °C:	5-8
· Change in condition	
Melting point/Melting range:	Not available.
Freezing point:	Not available.
Boiling point / Boiling range:	Not available.
· Flash point:	None
· 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.

SECTION 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.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11 Toxicological information

· **Acute toxicity**

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

56-81-5 glycerol

Oral	LD50	4,090 mg/kg (mouse)
		12,600 mg/kg (rat)
		27,000 mg/kg (rabbit)

122-99-6 2-Phenoxyethanol

Oral	LD50	1,840 mg/kg (rat)
Dermal	LD50	14,422 mg/kg (rat)

7173-51-5 didecyltrimethylammonium chloride

Oral	LD50	84 mg/kg (rat)
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64-17-5 ethanol

Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

57-55-6 propane-1,2-diol

Oral	LD50	20,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)

· **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 subjected to classification according to internally approved calculation method for preparations .

· **Carcinogenic categories**

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

64-17-5	ethanol	1
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· **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

SECTION 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.

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SECTION 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14 Transport information

- | | |
|---|---|
| · UN-Number | UN1993 |
| · DOT, IMDG, IATA | UN1993 |
| · UN proper shipping name | Flammable liquids, n.o.s. (Ethanol) |
| · DOT | FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL)) |
| · IMDG | FLAMMABLE LIQUID, N.O.S. (ETHANOL) |
| · IATA | FLAMMABLE LIQUID, N.O.S. (ETHANOL) |
| · Transport hazard class(es) | |
| · DOT | |
| | |
| · Class | 3 Flammable liquids |
| · Label | 3 |
| | |
| · IMDG, IATA | |
| | |
| · Class | 3 Flammable liquids |
| · Label | 3 |
| · Packing group | II |
| · DOT, IMDG, IATA | II |
| · Environmental hazards | Not applicable. |
| · Special precautions for user | Warning: Flammable liquids |
| · EMS Number: | F-E,S-E |
| · Stowage Category | B |
| · Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | |
| | |
| · IMDG | |
| · Limited quantities (LQ) | 1L |
| · Excepted quantities (EQ) | Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml |

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· **UN "Model Regulation":** UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL)), 3, II

SECTION 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):**

122-99-6 | 2-Phenoxyethanol

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

7732-18-5	Water	ACTIVE
64-17-5	ethanol	ACTIVE
122-99-6	2-Phenoxyethanol	ACTIVE
7173-51-5	didecyldimethylammonium chloride	ACTIVE
56-81-5	glycerol	ACTIVE
57-55-6	propane-1,2-diol	ACTIVE

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **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:**

64-17-5 | ethanol

· **New Jersey Right-to-Know List:**

64-17-5 | ethanol
56-81-5 | glycerol
57-55-6 | propane-1,2-diol

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

64-17-5 | ethanol | CA, MU, TE, F3

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

64-17-5 | ethanol
56-81-5 | glycerol
57-55-6 | propane-1,2-diol

· **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):**

64-17-5 | ethanol | A3

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

None of the ingredients is listed.

SECTION 16 Other information

· **Relevant hazard statements**

H225 Highly flammable liquid and vapor.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

· *****

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** 06/17/2020 / -

· **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

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

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

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