

SGS Job No. : GZCPCH200300979  
Sample Name : Alcohol wet wipes  
End Uses : Clean and sterilization  
Composition/Ingredient of sample (as per client submission) : See section 3 Composition/information on ingredients on the SDS report  
Job Receiving Date : 17 Mar 2020  
SDS Preparation Period : 17 Mar 2020-19 Mar 2020

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Remark:

The SDS is prepared based on the information provided by client.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zm guan  
Approved Signatory



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**Safety data sheet**  
**Regulation (EC) No. 1907/2006 and 1272/2008**

Printing date 19.03.2020

Version number 1

Revision: 18.03.2020

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

- **1.1 Product identifier**
- **Trade name:** Alcohol wet wipes
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** Clean and sterilization
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:** \*REDACTED\*
- **Full address:**  
\*REDACTED\*
- **Phone number:** \*REDACTED\*
- **Email:** \*REDACTED\*
- **Only Representative / other EU contact point:** Not available
- **Further information obtainable from:** \*REDACTED\*
- **1.4 Emergency telephone number:**  
GERMANY  
Poison Center Berlin - Institute of Toxicology  
Tel: +49 030 192 40
- **1.5 Reference Number:** CANCPCH2003080101,GZCPCH200300979

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

*Flam. Liq. 2 H225 Highly flammable liquid and vapour.*

- **Information concerning particular hazards for human and environment:**  
*The product has to be labelled due to the calculation procedure of Regulation (EC) No.1272/2008.*
- **Classification system:**  
*The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.*
- **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

- **Signal word** *Danger*
- **Hazard statements**  
*H225 Highly flammable liquid and vapour.*
- **Precautionary statements**

P101	<i>If medical advice is needed, have product container or label at hand.</i>
P102	<i>Keep out of reach of children.</i>
P103	<i>Read label before use.</i>
P210	<i>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</i>
P240	<i>Ground and bond container and receiving equipment.</i>

(Contd. on page 2)

# Safety data sheet

## Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 19.03.2020

Version number 1

Revision: 18.03.2020

**Trade name: Alcohol wet wipes**

(Contd. of page 1)


- P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
- 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 [or shower].
- 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 Mixtures**
- **Description:**  
Mixture of the substances listed below with nonhazardous additions.  
For the wording of the listed hazard statements refer to section 16.

- **Composition:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol	 Flam. Liq. 2, H225	75%
CAS: 7732-18-5 EINECS: 231-791-2	Water		25%

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General description:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **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:**  
CO<sub>2</sub> 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.

(Contd. on page 3)

# Safety data sheet

## Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 19.03.2020

Version number 1

Revision: 18.03.2020

**Trade name: Alcohol wet wipes**

(Contd. of page 2)

- **6.2 Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 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 section 13.  
Ensure adequate ventilation.
- **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:** For the general occupational hygienic measures refer to Section 8.
- **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**
- **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

#### · 8.1 Control parameters

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

##### 64-17-5 ethanol (75%)

WEL (Great Britain)	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
AGW (Germany)	Long-term value: 380 mg/m <sup>3</sup> , 200 ppm 4(II);DFG, Y
VME (France)	Short-term value: 9500 mg/m <sup>3</sup> , 5000 ppm Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm

- **Regulatory information**  
WEL (Great Britain): EH40/2018  
AGW (Germany): TRGS 900  
VME (France): ED 984, 10.2016
- **DNELs:** Not available
- **PNECs:** Not available
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**  
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.

(Contd. on page 4)

**Safety data sheet**  
**Regulation (EC) No. 1907/2006 and 1272/2008**

Printing date 19.03.2020

Version number 1

Revision: 18.03.2020

**Trade name: Alcohol wet wipes**

(Contd. of page 3)

- **Personal protective equipment**
- **Respiratory protection:** Not required.
- **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.

- **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

- **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

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

- **Appearance**

<b>Form:</b>	Liquid
<b>Colour:</b>	Transparent and colorless
· <b>Odour:</b>	Alcohol
· <b>Odour threshold:</b>	Not available

- **pH-value:** Not available

- **Change in condition**

<b>Melting point/Freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Not available

- **Flash point:** Not available

- **Flammability (solid, gas):** Not available

- **Auto-ignition temperature:** Not available

- **Decomposition temperature:** Not available

- **Self-igniting:** Product is not selfigniting.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits**

<b>Lower:</b>	Not available
<b>Upper:</b>	Not available

(Contd. on page 5)

**Safety data sheet**  
**Regulation (EC) No. 1907/2006 and 1272/2008**

Printing date 19.03.2020

Version number 1

Revision: 18.03.2020

**Trade name: Alcohol wet wipes**

(Contd. of page 4)

· <b>Oxidising properties:</b>	Not available
· <b>Vapour pressure:</b>	Not available
· <b>Density:</b>	Not available
· <b>Relative density:</b>	Not available
· <b>Vapour density:</b>	Not available
· <b>Evaporation rate:</b>	Not available
· <b>Solubility in / Miscibility with water:</b>	Not available
· <b>Partition coefficient: n-octanol/water:</b>	Not available
· <b>Viscosity</b>	
<b>Dynamic:</b>	Not available
<b>Kinematic:</b>	Not available
· <b>9.2 Other information</b>	No further relevant information available.

### **SECTION 10: Stability and reactivity**

- **10.1 Reactivity:** Data not available
- **10.2 Chemical stability:** Data not available
- **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:**

**64-17-5 ethanol**

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

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **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** Based on available data, the classification criteria are not met.
- **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.

(Contd. on page 6)

**Safety data sheet**  
**Regulation (EC) No. 1907/2006 and 1272/2008**

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Version number 1

Revision: 18.03.2020

**Trade name: Alcohol wet wipes**


(Contd. of page 5)

- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 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.

### 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.
- **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

- |  |   |
|--|---|
| · <b>14.1 UN-Number</b>  |   |
| · <b>ADR/RID/ADN, IMDG, IATA</b>   | UN1170  |
| · <b>14.2 UN proper shipping name</b>  |   |
| · <b>ADR/RID/ADN, IMDG</b>   | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)   |
| · <b>IATA</b>  | ETHANOL SOLUTION  |
| · <b>14.3 Transport hazard class(es)</b>   |   |
| · <b>ADR/RID/ADN, IMDG, IATA</b>   |   |
|  |  |
| · <b>Class</b>   | 3 Flammable liquids.  |
| · <b>Label</b>   | 3   |
| · <b>14.4 Packing group</b>  |   |
| · <b>ADR/RID/ADN, IMDG, IATA</b>   | II  |
| · <b>14.5 Environmental hazards</b>  |   |
| · <b>Marine pollutant:</b>   | No  |
| · <b>14.6 Special precautions for user:</b>                                      | Warning: Flammable liquids.   |
| · <b>Danger code (Kemler):</b>   | 33  |
| · <b>EMS Number:</b>   | F-E,S-D   |
| · <b>Stowage Category</b>  | A   |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable  |

(Contd. on page 7)

**Safety data sheet**  
**Regulation (EC) No. 1907/2006 and 1272/2008**

Printing date 19.03.2020

Version number 1

Revision: 18.03.2020

**Trade name: Alcohol wet wipes**

(Contd. of page 6)

**· 14.8 Transport/Additional information:****· ADR/RID/ADN****· 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

**· Transport category:**

2

**· Tunnel restriction code:**

D/E

**· 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

**· UN "Model Regulation":**

UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II

**SECTION 15: Regulatory information****· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****· MAK(German Maximum Workplace Concentration)**

64-17-5 | ethanol

5

**· Directive 2012/18/EU****· Named dangerous substances - ANNEX I** None of the ingredients is listed.**· Seveso category P5c** FLAMMABLE LIQUIDS**· Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t**· Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t**· National regulations:****· Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**· Other regulations, limitations and prohibitive regulations****· SVHC Candidate List of REACH Regulation Annex XIV Authorisation (16/1/2020)**

None of the ingredients is listed

**· REACH Regulation Annex XVII Restriction (20/06/2019)**

See Section 16 for information about restriction of use.

None of the ingredients is listed

**· REACH Regulation Annex XIV Authorisation List (13/6/2017)**

None of the ingredients is listed

**· 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information****· Relevant hazard statements**

H225 Highly flammable liquid and vapour.

**· Classification according to Regulation (EC) No. 1272/2008**

Flammable liquids | Bridging principles

\*\*\*\*\*

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY

(Contd. on page 8)



**Safety data sheet**  
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Revision: 18.03.2020

**Trade name: Alcohol wet wipes**

(Contd. of page 7)

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**· Abbreviations and acronyms:**

*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)*

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*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*

\*\*\*\*\*

*End of document*