



# MSDS REPORT

**Applicant** : **Kunming Ansheng Industry & Trade Co., Ltd.**  
Xichong Industrial Park, Dabanqiao Town, Guandu District, Kunming City, Yunan Province, China

**Manufacturer** : **Kunming Ansheng Industry & Trade Co., Ltd.**  
Xichong Industrial Park, Dabanqiao Town, Guandu District, Kunming City, Yunan Province, China

**Product Description** : **Alcohol Antibacterial Wipes**

**Product Code** : --

**Trade Mark** :



This report is limited to the above applicant company and the product model only.





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Product Name: Alcohol Antibacterial Wipes

Establishment / Revision: April 17, 2020

### MATERIAL SAFETY DATA SHEET

(according to ISO 11014: 2009)

#### SECTION 1: Identification of Product and Supplier

##### 1.1 Identification of the substance or preparation

**Product Name:** Alcohol Antibacterial Wipes

**Sample Model No.:** --

**Client declaration:** --

**Trade Mark:** N/A

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

**Application of the substance / the preparation:** Used to kill bacteria

##### 1.3 Company / undertaking identification

**Manufacturer:** Kunming Ansheng Industry & Trade Co., Ltd.

**Address:** Xichong Industrial Park, Dabanqiao Town, Guandu District, Kunming City, Yunan Province, China

**Tel:** +86-159 1163 3164

**Fax:** +86--

**Email:** --

##### 1.4 Emergency telephone

**Emergency telephone number:** [Weekday] +86-159 1163 3164

[Night and holiday] +86-159 1163 3164

#### SECTION 2: Hazards Identification

##### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Flammable liquids (Category 2), H225

Eye irritation (Category 2), H319

##### 2.2 GHS Label elements, including precautionary statements

**Labelling according Regulation (EC) No 1272/2008 [CLP]**



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Pictogram



Signal word

**Danger****Hazard statement(s)**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

**Precautionary statements**P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.**Supplemental Hazard Statements:** none**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition / Information on Ingredients****3.1 Substance or preparation : Preparation****3.2 Information about the chemical nature of product :**

Common chemical name / General name	CAS number	EINECS number	Concentration / Concentration range	Classification and hazard labeling
Pure water (H <sub>2</sub> O)	7732-18-5	231-791-2	24,796%	Health: 0 Flammability: 0 Reactivity: 0
Ethanol (C <sub>2</sub> H <sub>6</sub> O)	64-17-5	200-578-6	75%	Health: 2 Flammability: 3 Reactivity: 0



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Common chemical name / General name	CAS number	EINECS number	Concentration / Concentration range	Classification and hazard labeling
Chlorohexidine Diacetate	56-95-1	200-302-4	0.1%	Health: 2 Flammability: 1 Reactivity: 0
Benzalkonium chloride	8001-54-5	616-786-9	0.1%	Health: 3 Flammability: 1 Reactivity: 0
Nano Silver ions (Ag <sup>+</sup> )	7440-22-4	231-131-3	0.004%	Health: 2 Flammability: 1 Reactivity: 0

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye contact :** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin contact :** Wash off with soap and plenty of water.  
Consult a physician.

**Inhalation :** If breathed in, move person into fresh air.  
If not breathing, give artificial respiration.  
Consult a physician.

**Ingestion :** Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
Rinse mouth with water.  
Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available





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### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1 Extinguishing Media:

##### Suitable extinguishing media

Dry powder, Dry sand

##### Unsuitable extinguishing media

Do NOT use water jet.

#### 5.2 Special hazards arising from the substance or mixture :

Carbon oxides

#### 5.3 Advice for firefighters :

Wear self contained breathing apparatus for fire fighting if necessary.

#### 5.4 Further information :

Use water spray to cool unopened containers.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment.

Avoid breathing vapours, mist or gas.

Ensure adequate ventilation.

Remove all sources of ignition.

Evacuate personnel to safe areas.

Beware of vapours accumulating to form explosive concentrations.

Vapours can accumulate in low areas.

For personal protection see section 8.

#### 6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Do not let product enter drains.

Discharge into the environment must be avoided.

#### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel.

Keep in suitable, closed containers for disposal.





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### 6.4 Reference to other sections:

For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

- Avoid contact with skin and eyes.
- Avoid inhalation of vapour or mist.
- Keep away from sources of ignition - No smoking.
- Take measures to prevent the build up of electrostatic charge.
- For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

- Store in cool place.
- Keep container tightly closed in a dry and well-ventilated place.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with workplace control parameters:

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls:

- Handle in accordance with good industrial hygiene and safety practice.
- Wash hands before breaks and at the end of workday.

### Personal protective equipment:

#### Eye/face protection:

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection



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Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body Protection**

Impervious clothing, Flame retardant antistatic protective clothing. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Environmental exposure controls:**

- Prevent further leakage or spillage if safe to do so.
- Do not let product enter drains.
- Discharge into the environment must be avoided.

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

- |  |                                   |
|--|-----------------------------------|
| a). Appearance:                              | White solid sheet contains liquid |
| b). Color:                                   | White                             |
| c). Odour:                                   | Alcohol odor                      |
| d). pH:                                      | 6.5 -7.5                          |
| e). Melting point/freezing point:            | No data available                 |
| f). Initial boiling point and boiling range: | No data available                 |
| g). Flash point:                             | > 20°C                            |
| h). Evaporation rate                         | No data available                 |
| i). Flammability:                            | Combustible                       |
| j). Explosive properties:                    | No data available                 |
| k). Upper/lower flammability or              |                                   |



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explosive limits:	No data available
l). Vapour pressure (at 20°C):	No data available
m). Vapour density:	No data available
n). Density (at 20°C):	0.55 to 0.95 g/cm <sup>3</sup> at 25 °C
o). Water solubility:	Partly soluble
p). Partition coefficient:	
n-octanol/water:	No data available
q). Auto-ignition temperature:	No data available
r). Decomposition temperature:	No data available
s). Evaporation rate:	No data available
t). Oxidizing properties:	No data available

**9.2 Other safety 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**10.3 Possibility of hazardous reactions:** No data available**10.4 Conditions to avoid:**

Heat, flames and sparks.

**10.5 Incompatible materials:**

Strong oxidizing agents

**10.6 Hazardous decomposition products:**

Other decomposition products - No data available.

Hazardous decomposition products formed under fire conditions. - Carbon oxides

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity:**

LD50 Oral - Rat - male and female - &gt; 10 500 mg/kg





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(OECD Test Guideline 401)

LC50 Inhalation - Rat - male and female - 4 h - > 250 mg/L

(OECD Test Guideline 403)

### **Skin corrosion/irritation:**

Skin - Rabbit

Result: No skin irritation - 24 h

(OECD Test Guideline 404)

### **Serious eye damage/eye irritation :**

Eyes - Rabbit

Result: Eye irritation

(OECD Test Guideline 405)

### **Respiratory or skin sensitization:**

Local lymph node assay (LLNA) - Mouse

Result: negative

(OECD Test Guideline 429)

### **Germ cell mutagenicity:**

Ames test

Salmonella typhimurium

Result: negative

In vitro mammalian cell gene mutation test

Mouse lymphoma test

Result: negative

### **Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### **Reproductive toxicity:**

No data available

**Specific target organ toxicity - single exposure:** no data available

**Specific target organ toxicity - repeated exposure:** no data available

**Aspiration hazard:** no data available

### **Additional Information:**

RTECS: Not available

irritant effects, respiratory paralysis, Dizziness, narcosis, inebriation, euphoria, Nausea, Vomiting

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



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**SECTION 12: Ecological Information****12.1 Toxicity:**

Toxicity to fish	flow-through test EC50 - Pimephales promelas (fathead minnow) – 24 030 mg/L - 96 h (US-EPA)
Toxicity to daphnia and other aquatic invertebrates	static test EC50 - Ceriodaphnia dubia (water flea) - 8012 mg/L - 48 h (OECD Test Guideline 202)
Toxicity to algae	IC5 - Scenedesmus quadricauda (Green algae) - 7000 mg/L - 7 d Remarks: (Lit.)
Toxicity to bacteria	EC50 - Pseudomonas putida – 9050 mg/L - 16 h Remarks: (IUCLID)

**12.2 Persistence and degradability:**

Biodegradability	Result: 90 % - Partially biodegradable. (OECD Test Guideline 302B)
Biochemical Oxygen Demand (BOD)	930 - 1670 mg/kg Remarks: (Lit.)
Theoretical oxygen demand	2100 mg/kg Remarks: (Lit.)

**12.3 Bioaccumulative potential:** No data available**12.4 Mobility in soil:** no data available**12.5 Results of PBT and vPvB assessment:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects :**

Toxic to aquatic life.

Additional ecological information: No data available

**SECTION 13: Waste handling****Disposal of product:**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as



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other national and local regulations.

Leave chemicals in original containers.

No mixing with other waste.

Handle uncleaned containers like the product itself.

**Contaminated packaging**

Dispose of as unused product.

**SECTION 14: Transport Information****14.1 UN number :**

ADR/RID: 3175

IMDG: 3175

IATA: 3175

**14.2 UN proper shipping name:**

ADR/ RID: Solids Containing Flammable Liquid, N.O.S.

IMDG/ IMO: Solids Containing Flammable Liquid, N.O.S.

IATA/ ICA: Solids Containing Flammable Liquid, N.O.S.

**14.3 Transport hazard class(es) :**

Label:



ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

**14.4 Packaging group :**

ADR/RID: II

IMDG: II

IATA: II

**14.5 Environmental hazards :**

ADR/RID: no

IMDG: no

IATA: no

**14.6 Special precautions for user : No data available****SECTION 15: Regulation Information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)





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### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

#### EU Directive 2006/66/EC

**EINECS:** This product is on the European Inventory of Existing Commercial Chemical Substances.

#### US Federal:

**OSHA:** Not Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

#### WHMIS (Canada):

Not controlled under WHMIS (Canada).

### SECTION 16: Other Information

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use.

This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

MSDS Creation Date: April 17, 2020

