

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY DESCRIPTION

**Trade name:** Alcohol wipes

**Manufacturer:** HENAN YEESAIN HEALTH TECHNOLOGY CO., LTD.

**Address:** Dongpozhai, Sijiamen Village, Yuecun Town, xinmi City, Henan, China.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

	Component	Percentage v/v%	CAS Number
1	Alcohol	75	64-17-5
2	Benzalkonium chloride	0.05	8001-54-5
3	C12-14 alkyl dimethyl ethylbenzyl ammonium chloride	0.20	71808-54-3
4	Chlorphenesin	0.02	104-29-0
5	Cetylpyridinium Chloride	0.03	123-03-5
6	alkyl polyglucoside	0.10	141464-42-8
7	Disodium EDTA	0.05	139-33-3
8	propylene glycol	0.10	57-55-6
9	Glycerin	0.30	56-81-5
10	Aqua	24.15	7732-18-5

## 3. HAZARDS IDENTIFICATION

### A. EMERGENCY OVERVIEW:

**Physical Appearance and Odor:** clear / liquid, alcohol odor

**Warning Statements:** WARNING!! EYE IRRITANT.

### B. POTENTIAL HEALTH EFFECTS:

**Acute Eye:** may irritant. May cause redness, irritation, tearing.

**Acute Skin:** non-toxic, non-irritant

**Acute Inhalation:** Inhalation not likely.

**Acute Ingestion:** Practically non-toxic.

## 4. FIRST AID MEASURES

### FIRST AID MEASURES FOR ACCIDENTAL:

**Eye Exposure:** Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

**Skin Exposure:** In case of contact, wash with plenty of soap and water. Seek medical attention if irritation develops or persists.

**Inhalation:** Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

**Ingestion:** If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

**MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:**

None

**NOTES TO PHYSICIAN:**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

## 5. FIRE FIGHTING MEASURES

**FIRE HAZARD DATA:**

**Flash Point:** /

**Method Used:** Closed cup

Flammability	Limits	(vol/vol%):	
		Lower	Upper
		No Data	No Data

**Extinguishing Media:**

Recommended (small fires): dry chemical, carbon dioxide, Recommended (large fire): alcohol foam, universal foam, water spray, Not recommended: water jet (frothing possible).

**Special Fire Fighting Procedures:**

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

**Unusual Fire and Explosion Hazards:**

Product will burn under fire conditions. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

## 6. ACCIDENTAL RELEASE MEASURES

**Evacuation Procedures and Safety:**

Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

**Containment of Spill:**

Follow procedure described below under Cleanup and Disposal of Spill.

**Cleanup and Disposal of Spill:**

Wash area with water. (according to section 7:handling and storage.)

**Environmental and Regulatory Reporting:**

Do not flush to drain. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

## 7. HANDLING AND STORAGE

### **Minimum/Maximum Storage Temperatures:**

10 to 49 C (50 to 120 F)

### **Handling:**

In cold weather, this product may stratify and freeze. This does not damage the product. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.

### **Storage:**

Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from ignition sources, away from incompatible materials (see Section 10. Stability and Reactivity).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Introductory Remarks:**

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

**Exposure Guidelines:** No exposure limits were found for this product or any of its ingredients.

### **Engineering Controls:**

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

### **Respiratory Protection:**

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.

### **Eye/Face Protection:**

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

### **Skin Protection:**

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

**Work Practice Controls:**

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product Information phone number in Section 1 for its exact specifications.

**Physical Appearance:** clear / liquid.

**Odor:** alcohol odor

**PH:** 4.5-7.5

**Specific Gravity:** 1.05~1.15 at 25 C

**Water Solubility:** soluble

**Melting Point Range:** Not Available

**Freezing Point Range:** < 0°C

**Boiling Point Range:** > 100 °C

**Vapor Density:** Not Available

## 10. STABILITY AND REACTIVITY

**Chemical Stability:**

This material is stable under normal handling and storage conditions described in Section 7.

**Conditions To Be Avoided:** none

**Materials/Chemicals To Be Avoided:** strong acids strong oxidizing agents

**Hazardous Polymerization Will Not Occur.**

**Avoid The Following To Inhibit Hazardous Polymerization:** not applicable

## 11. TOXICOLOGICAL INFORMATION

**Acute Eye Irritation:**

The following data are for similar or related products.

**Toxicological Information and Interpretation:**

eye - eye irritation, rabbit. Slightly irritating.

**Acute Skin Irritation:**

The following data is for similar or related products.

**Toxicological Information and Interpretation:**

skin - skin irritation, rabbit. Non- irritating.

**Acute Dermal Toxicity:** No test data found for product.

**Acute Respiratory Irritation:** No test data found for product.

**Acute Inhalation Toxicity:** No test data found for product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information:** No data found for product.

**Chemical Fate Information:** No data found for product.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:**

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

**Container Handling and Disposal:**

Any containers or equipment used should be decontaminated immediately after use.

**EPA Hazardous Waste – NO**

## 14. TRANSPORTATION INFORMATION

**Transportation Status: IMPORTANT! Statements below provide additional data on listed DOT classification.**

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

**US Department of Transportation**

Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

Technical name: ALCOHOL WIPES

Package code: 4G

**UN number:** UN3175

**Packing category:** II

**Main hazard category:** 4.1

**Secondary hazard category:** None

## 15. REGULATORY INFORMATION

No data found for product.

## 16. OTHER INFORMATION

No data found for product.

**\*\* End of MSDS Document \*\***