



SAFETY DATA SHEET

Alcohol Wipes

Version 1.1

Revision Date:09/03/2019

SECTION 1. IDENTIFICATION

product name:	Alcohol Wipes
Product Code	BR- 402
Manufacturer or supplier's details	
Company name of supplier:	Zhejiang Bright Commodity Co.,LTD
Address:	NO.29,Kaixuan West Road,Kecheng Distyict, Quzhou City China
Emergency telephone number	+86-570-8077883
Contact Person:	Yanhui

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification	
Flammable liquids	: Category 3
Eye irritation	: Category 2A
GHS label elements	
Hazard pictograms	
Signal word	: Warning

Hazard statements	: H228 Flammable soilds : H319 Causes serious eye irritation.
Hazard symbols	: F, Xi
Risk phrases:	: R11-Highly flammable R36-Irritating to eyes



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Eye contact : Not expected to present a hazard to the eyes under normal conditions of use but direct contact of the impregnating fluid with the eyes would cause irritation.
Inhalation: Not considered to present an inhalation hazard under normal conditions of use.

Other hazards : None know

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical name	CAS-No.	Concentration (%) V/V
Ethyl Alcohol	64-17-5	≥ 70 - < 80
Aqua	7732-18-5	≥ 20 - < 30

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.

In case of skin contact : Wash with water and soap as a precaution.

In case of eye contact : In case of contact, immediately flush eyes with plenty of water or at least 15 minutes.
If easy to do, remove contact lens, if worn.
Seek medical advice.

If swallowed : If swallowed, DO NOT induce vomiting.
Rinse mouth with water. Obtain medical attention.

Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.

Protection of first-aiders : First Aid responders should pay attention to self-protection and use the recommended protective clothing



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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Do not use a solid water stream as it may scatter and spread fire. Cool closed containers exposed to fire with water spray. Flash back possible over considerable distance. May form explosive mixtures in air. Exposure to decomposition products may be a hazard to health. Carbon oxides
Hazardous combustion products	: Carbon oxides
Specific extinguishing methods	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.
Further information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Material can create slippery conditions.
Environmental precautions	: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to



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Methods and materials for containment and cleaning up

do so. Retain and dispose of contaminated wash water.

Local authorities should be advised if significant spillages cannot be contained.

: Non-sparking tools should be used.

Soak up with inert absorbent material.

Suppress(knock down) gases/vapours/mists with a water spray jet.

Keep in suitable, closed containers for disposal.

Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling

: For personal protection see section 8.

Keep away from heat and flame. Use with local exhaust ventilation. Avoid contact with eyes.

Conditions for safe storage

: Take measures to prevent the build up of electrostatic charge.

Keep in properly labelled containers.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Store in accordance with the particular national regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type Form of exposure	Control parameters /Permissible	Basis
Ethyl Alcohol	64-17-5	TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1,000 ppm	OSHA Z-1
			1,900 mg/m ³	
		STEL	1,000 ppm	ACGIH



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Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required
- Eye protection : Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : No special measures necessary provided product is used correctly
- Protective measures : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Ensure that eye flushing systems and safety showers are located close to the working place.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with eyes.
-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid
- Colour : Clear
- Odour : Alcohol-like
- Odour Threshold : No data available
- pH : 5.0 – 7.0, (20 °C)
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : Approximately 75.00 °C
- Flash point : Approximately 21.00 °C
- Evaporation rate : No data available
- Flammability (solid, gas) : Not applicable
- Flammability (liquids) :
- Upper explosion limit : No data available
- Density : 0.8722 g/cm³
- Solubility(ies) :Soluble
- Water solubility :Soluble
- Partition coefficient: n-octanol/water : Not applicable
- Auto-ignition temperature : No data available
- Explosive properties : Not explosive
- Oxidizing properties : The substance or mixture is not classified as oxidizing.



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SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Vapours may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Inhalation

Eye contact

Skin contact

Acute toxicity

Not classified based on available information.

Components:

Ethyl Alcohol

Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	: LC50 (Rat): 124.7 mg/l Exposure time: 4 h Test atmosphere: vapour

Skin corrosion/irritation

Not classified based on available information.

Components:

Ethyl Alcohol:

Species: Rabbit

Method: OECD Test Guideline 404 Result: No skin irritation

Components:

Ethyl Alcohol:

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Method: OECD Test Guideline 405

Components:

Ethyl Alcohol:



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Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: negative

Components:

Ethyl Alcohol: Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test

Result: negative

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)

Test species: Mouse Application Route:

Ingestion Result: negative

Ethyl Alcohol:

Species: Rat

NOAEL: 2,400 mg/kg

Application Route: Ingestion

Exposure time: 2 y

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Ethyl Alcohol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l
Exposure time: 96 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates : NOEC (Daphnia magna (Water flea)): 9.6 mg/l
Exposure time: 9 d

(Chronic toxicity)

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l
Exposure time: 0.25 h

Ethyl Alcohol:

Biodegradability Exposure time: 20 d

Isopropyl Alcohol: : Result: rapidly degradable

Biodegradability

Bioaccumulative potential



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Components:

Ethyl Alcohol:

Partition coefficient: n- : log Pow: -0.35

octanol/water

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

UN/ID No.

Proper shipping name

:

Class

:

Packing group

PG II

Packing instruction (cargo aircraft)

:

Packing instruction

(passenger aircraft)

IMDG-Code

UN number

: UN 3175

Proper shipping name

:

Class

Division

:4.1 Flammable Solids

Packing group

: II

Labels

:

EmS Code

:

Marine pollutant National Regulations

:

49 CFR

UN/ID/NA number Proper shipping name :



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Class :
Proper shipping name :
Packing group : II
ERG Code :
Marine pollutant :

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Ethyl Alcohol 64-17-5 75 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

Clean Water Act

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

Ethyl Alcohol	64-17-5	70 - 80 %
Aqua	7732-18-5	20- 30%

Pennsylvania Right To Know

Ethyl Alcohol	64-17-5	70--80%
Aqua	7732-18-5	20-30%



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New Jersey Right To Know

Ethyl Alcohol	64-17-5	50-70 %
Aqua	7732-18-5	20-30%

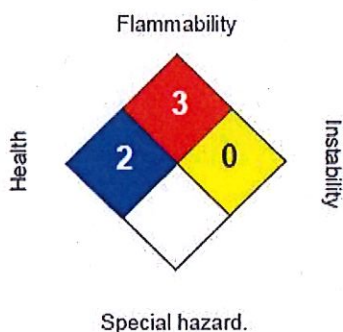
Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information NFPA:

HMIS III:



HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date:

09/03/2019

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.