MATERIAL SAFETY DATA SHEETS (MSDS)

Apply Company	:	Wenzhou Guangsen paper Co.,Ltd
Address	:	Dongjiang Industral Zone, Qiang cang,Pingyang,zhejang,China
Product Name	:	Alcohol wipes in Barrels(60pcs)
Prepared by	:	Shenzhen Uone Test Limited Company

Sample No.	:	U01901200416305
Implementation date	:	Apr. 18, 2020
Report date	:	Apr. 18, 2020

Signed for and on behalf of Shen Zhen UONE Test Co., LTD.

Prepared by	Checked by	Approved by
Marcia Deng	Nora Deng	Pascal Shi

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

MATERIAL SAFETY DATA SHEETS

1 - Chemical Product and Manufacturer Identification

Chemical Name	:	Alcohol wipes in Barrels(60pcs)
Manufacturer	:	Wenzhou Guangsen paper Co.,Ltd
Address of Manufacturer	:	Dongjiang Industral Zone, Qiang cang,Pingyang,zhejang,China
Contacts	:	Deding Pan
Telephone	:	15858033116
Fax	:	0577-63669562
Emergency Telephone	:	13587994369
E-mail	:	87473565@qq.com

2 - Composition / Information on Ingredients

Main Chemical Composition		
Chemical Composition	**Percentage(w/w)**	**CAS No**
Alcohol	70%	64-17-5
RO pure water	14%	7732-18-5
Polyester	11%	113669-95-7
Viscose	5%	/

3 - Hazard Information

GHS classification	:	Eye Damage/Irritation: Category 2A Flammable Liquids: Category 2
Signal Word (s)	:	DANGER
Hazard Statement (s)	:	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
Pictogram (s)	:	Flame, Exclamation mark 
Precautionary statement - Prevention	:	P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/.../equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement - Response	:	P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Precautionary statement - Storage	:	P403+P235 Store in a well-ventilated place. Keep cool.
Precautionary statement - Disposal	:	P501 Dispose of contents/container to an approved waste disposal plant.

4 - First Aid Measures

Eye contact	:	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
Skin contact	:	If swelling, redness, blistering or irritation occurs rinse with water. Seek medical advice.
Inhalation	:	If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
Ingestion	:	Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Do not induce vomiting. Seek medical advice.
First Aid Facilities	:	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	:	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
Other Information	:	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126 New Zealand 0800 764 766) or a doctor at once.

5 - Fire-Fighting Measures

Flammability	:	Inflammable
Specific Methods	:	Caution: Use of water spray when fighting fire may be inefficient. Small fire: Use foam, dry chemical, CO2 or water spray. Large fire: Use foam, fog or water spray - Do not use water jets. If safe to do so, move undamaged containers from fire area. Cool containers with flooding quantities of water until well after fire is out.
Specific hazards arising from the chemical	:	HIGHLY FLAMMABLE: These products have a low flash point - Will be easily ignited by heat, sparks or flames at ambient temperatures. Vapours will form explosive mixtures with air. Vapours will travel to source of ignition and flash back. Fire may produce irritating, poisonous and/or corrosive gases. Containers may explode when heated. Many liquids are lighter than water. Many vapours are heavier than air and will collect in low or confined areas (drains, basements, tanks). Vapours from run-off may create an explosion hazard.
Precautions in connection with Fire	:	SCBA and structural firefighter's uniform may provide limited protection. Fully-encapsulating, gas-tight suits should be worn for maximum protection.

6 - Leakage Emergency Treatment

Spills & Disposal	:	ELIMINATE all ignition sources (no smoking, flares, sparks or flame) within at least 50m - All equipment used in handling the product must be earthed. Do not touch or walk through spilled material. Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas. Vapour-suppressing foam may be used to control vapours. Absorb spill with earth, sand or other non-combustible material - Use clean, non-sparking tools to collect material and place it in loosely-covered metal or plastic containers for later disposal. Water spray may be used to knock down or divert vapour clouds. SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.
Personal Precautions	:	Evacuate the area of all non-essential personnel. Remove ignition sources
Personal Protection	:	Wear protective clothing specified for normal operations (see Section 8)

7 - Operation and Storage

Precautions for Safe Handling	:	Do not breathe vapour. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Take precautionary measures against static discharges.
Conditions for safe storage, including any incompatabilities	:	Keep in a cool, well-ventilated place Keep away from heat and other sources of ignition. Store away from oxidizing agents. Store away from strong acids. Keep containers securely sealed and protected against physical damage. Do not store in pits or basements where vapours may become entrapped. Do not store in aluminium containers. Take precautionary measures against static electricity discharges.
Storage Regulations	:	Refer Australian Standard AS 1940 - 1993 'The storage and handling of flammable and combustible liquids'.

8 - Contact Control and Personal Protection Measures

Exposure Information	:	A time weighted average (TWA) has been established for Ethyl alcohol (Safe Work Australia) of 1,880mg/m³, (1,000 ppm). The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.
Appropriate	:	In industrial situations maintain the concentrations values below the TWA. This

engineering controls		may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
Respiratory Protection	:	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists. Select and use respirators in accordance with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist filters. Filter capacity and respirator type depends on exposure levels.
Eye Protection	:	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
Hand Protection	:	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance. Recommendation: PVC, neoprene, or nitrile rubber gloves.
Personal Protective Equipment	:	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
Footwear	:	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use. Recommendation: Rubber boots.
Body Protection	:	Flame retardant protective clothing. Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
Hygiene Measures	:	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9 - Physical and Chemical Properties

Physical State	:	Nonwoven fabrics with alcohol and water
Odor	:	Alcohol odor
Flash Point (℃)	:	No data available
Ignition Temperature (℃)	:	No data available
Melting Point (℃)	:	No data available
Boiling Point (℃)	:	No data available
Solubility in Water	:	Miscible.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

Solubility in Organic Solvents	:	Miscible with methanol, ether, chloroform and acetone.
Oxidation characteristics	:	No data available

10 - Stability and Reactivity

Stability	:	It is stable under normal conditions.
Conditions to Avoid	:	Heat, sparks, flame and build-up of static electricity.
Incompatible Materials	:	Oxidising agents, peroxides, acids, acid chlorides, acid anhydrides, alkali metals and ammonia.
Hazardous Decomposition	:	May liberate toxic fumes in fire producing carbon monoxide and or carbon dioxide.
Products Hazardous Polymerization	:	Will not occur.

11 - Toxicological Information

		Alcohol
Acute toxicity	:	LD50 oral rat: 10740 mg/kg (Rat; Experimental value,Rat; Experimental value) LD50 dermal rabbit: > 16000 mg/kg (Rabbit; Literature study)
Ingestion	:	May cause nausea, vomiting, headache, dizziness, gastric irritation and CNS depression.
Inhalation	:	Irritating to the mucous membranes and respiratory tract. Risk of absorption. May cause headaches, dizziness, nausea and possible CNS effects.
Skin	:	May cause irritation. Will have a degreasing action on the skin.
Eye	:	May cause irritation and watering. High concentrations of vapours may cause irritation.
Health Hazard	:	Though it is rapidly oxidized in the body and is therefore non-cumulative, ingestion of even moderate amounts causes lowering of inhibitions, often succeeded by dizziness, headache, or nausea. Larger intake causes loss of motor nerve control, shallow respiration, and in extreme cases unconsciousness and even death. Degree of intoxication is determined by concentration of alcohol in the brain. Of primary importance is the fact that intake of moderate amounts together with barbiturates or similar drugs is extremely dangerous and may even be fatal.
Chronic Effects	:	Repeated or prolonged skin contact may cause chronic dermatitis. May cause liver and kidney disorders.
Mutagenicity	:	No evidence of mutagenic properties.

12 - Ecological Information

Ecotoxicity	:	In high concentrations: Toxic for aquatic organisms. When used properly, no impairments in the function of waste-water-treatment plants are to be expected.
Short Summary of Assessment of Environmental Impact	:	No ecological problems are to be expected when the product is handled and used with due care and attention.

13 - Disposal Considerations

According to approved local, provincial and municipal requirements，Appropriate treatment of substances or Prepare for treatment of method. National Environmental Advisory Agency.

14 - Transport Information

Transport Information	:	Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following: Class 1, Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane, Class 7.
U.N. Number	:	1170
UN proper shipping name	:	ETHANOL (ETHYL ALCOHOL)
Transport hazard class(es)	:	3
EPG Number	:	3A1
IERG Number	:	14

15 - Regulatory Information

Legal information:
《TSCA》, 《Clean Air Act》, 《Clean Water Act》, 《OSHA》, 《California Prop 65》
《European/International Regulations European Labeling in Accordance with EC Directives Hazard Symbols》
《Federal and State Regulations》
《National Fire Protection Association (U.S.A.)》
(EC) No. 1907/2006
《Chemical Safety Assessment》
《Safety, health and environmental regulations/legislation specific for the substance or mixture Safety》
REACH Restrictions - Annex XVII
REACH Authorisation - Annex XIV

16 - Additional Information

Date: Apr. 18, 2020
Disclaimer: This material safety data sheet information is believed to be trustworthy; however, the information provided cannot be guaranteed with regard to accuracy or correctness.The condition of the product or Processing method, storage, use and Disposal exceeds our control and may exceed our knowledge. For this reason and for other reasons, we do not assume responsibility for the explicit denial of liability: loss, damage, expense or in any way with the processing, storage, use or disposal of such products. All information, suggestions and suggestions regarding this product are believed to be reliable from the source or based on the data.

End of Report