

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Disinfecting Wipes

SDS: NA-008

Date of Preparation: February 12, 2019

Recommended use of the chemical and restrictions on use:

Recommended use: Use as a disinfectant on hand. Read and understand the entire label before using.
Use only according to label directions.

Restrictions on use: For Professional and Hospital Use.

Manufacturer/Supplier: Zhejiang Ruolin Hygienic Products Co., Ltd.

Phone Number:

Emergency Phone PER

2. HAZARD(S) IDENTIFICATION

This product is a colorless liquid with a natural odor impregnated on a wipe. There is a small amount of liquid on the wipe and very small amount of free liquid in the packages.

GHS Classification:

Physi	Heal	Environmental
Not Classified	Eye Irritant Category 2B	Not Classified

Label Elements:

Warning!

Hazard Statements:

Causes eye irritation.

Precautionary Statements:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical attention.

Other Hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Water	7732-18-5	To 100%

Glycerin	56-81-5	0.1%
Ethylhexylglycerin	70445-33-9	0.1%
Phenoxyethanol	122-99-6	0.5%
Benzalkonium Chloride	8001-54-5	0.1~0.2%
Didecyldimonium Chloride	7173-51-5	0.15~0.25%
Propylene Glycol	57-55-6	0.1%

4. FIRST-AID MEASURES

Description of First Aid Measures:

Eye: Flush eyes with large quantities of water for several minutes. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin: No first aid should be required.

Inhalation: Not a normal route of exposure. If symptoms develop move victim to fresh air. Get medical attention if symptoms develop.

Ingestion: Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

Most Important Symptoms/Effects, Acute and Delayed: Direct contact may cause mild eye irritation.

Indication of Immediate Medical Attention and Special Treatment, If Necessary: None required under normal conditions of use.

5. FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate for surrounding fire.

Specific Hazards Arising From the Chemical: Product will burn under fire conditions. Combustion may produce oxides of sodium, nitrogen and chloride compounds, and ammonia.

Special Protective Equipment and Precautions for Fire-Fighters: Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain runoff.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Avoid contact with eyes. Wear appropriate protective clothing as described in Section 8.

Environmental Hazards: Avoid releases to the environment. Report spill as required by local and federal regulations.

Methods and Materials for Containment and Cleaning Up: Do not reuse towelette. Pick up wipe and place in an appropriate container for infectious waste disposal. Do not flush in toilet.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Wear protective clothing and equipment as described in Section 8. Keep containers closed when not in use. Refer product label for additional information on use and handling.

Dispenser or Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling. If recycling is not available, put in trash collection. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry location away from incompatible materials. Do not contaminate water, food or feed by storage or disposal. For containers: When not in use keep center cap of lid closed to prevent moisture loss.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Water	None Established
Glycerin	None Established
Ethylhexylglycerin	None Established
Phenoxyethanol	None Established
Benzalkonium Chloride	None Established
Didecyldimonium Chloride	None Established
Propylene Glycol	None Established

Appropriate Engineering Controls: General ventilation is adequate under normal conditions of use. Refer product label for additional information.

Individual Protection Measures, Such As Personal Protective Equipment:

Respiratory Protection: None required for normal use. In case of insufficient ventilation, wear suitable respiratory equipment. Refer product label for additional information.

Skin Protection: None required under normal conditions of use.

Eye Protection: Wear safety goggles or other eye protection to prevent eye contact.

Other: None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid saturated on a wipe	Flammable limits: LEL: Not applicable UEL: Not applicable
Odor: Lemon fragrance	Vapor pressure: Not available
Odor Threshold: Not applicable	Vapor density: Not available
pH: 5.5~7.5 (Saturant)	Relative density: ≈1
Melting point/freezing point: 0°C (32°F) (Saturant)	Solubility(ies): Soluble in water (Saturant)
Boiling point/range: 100°C (212°F) (Saturant)	Partition coefficient (n-octanol/water): Not available
Flash point: Not available	Auto-ignition temperature: Not available
Evaporation rate: Not available	Decomposition temperature: Not available

Flammability (solid, gas): Not applicable	
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10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use. This product may react in contact with incompatible materials.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions To Avoid: Keep away from heat , and open flames.

Incompatible Materials: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may produce oxides of sodium, nitrogen and chloride compounds, and ammonia.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: This product is expected to cause mild irritation to eyes based on test data from the OPPTS 870.2400 Acute Eye Irritation Study which resulted in Toxicity Category III.

Skin: No adverse effects are expected. This product is non-irritating based on test data from the OPPTS 870.2500 Acute Skin irritation study which resulted in Toxicity Category IV.

Inhalation: Inhalation of high concentrations of vapors may cause upper respiratory tract irritation.

Ingestion: Ingestion is unlikely for solid products. This product contains only a small amount of liquid. No adverse effects are expected.

Chronic Effects: None known.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by OSHA, IARC, and NTP.

Reproductive Effects: Reproductive harm is not expected from this product.

Mutagenic Effects: Not expected to cause mutagenic activity.

Acute Toxicity:

No data available for this mixture.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available for this mixture.

50% of nonwoven materials are biodegradable.

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: None known.

13. DISPOSAL CONSIDERATIONS

Towelette Disposal: Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet.

Dispenser or Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling. If recycling is not available, put in trash collection.

Empty containers or liners may retain some product residues. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. This material and its container must be disposed of in a safe manner. Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
US DOT	None	Disinfecting Wipes, Antibacterial Wipes	None	None	None
IMDG	None	Disinfecting Wipes, Antibacterial Wipes	None	None	None
IATA	None	Disinfecting Wipes, Antibacterial Wipes	None	None	None
UN, IMO, ADR/RID, ICAO Code	None	Disinfecting Wipes, Antibacterial Wipes	None	None	None

Special precautions: None known

15. REGULATORY INFORMATION

Safety, Health, and Environmental Regulations Specific for the Product In Question:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: See OSHA Hazard Classification in Section 2.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

STATE REGULATIONS:

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Massachusetts RTK: None listed.

Pennsylvania RTK: None listed.

Rhode Island RTK: None listed.

New Jersey RTK: None listed.

16. OTHER INFORMATION

HMIS Ratings: Health – 1

Physical Hazard - 0

NFPA Ratings: Health – 1

Instability – 0

SDS Revision History: Updated Section 2.

Date of preparation: February 12, 2019

Date of last revision: December 12, 2017