



MATERIAL SAFETY DATA SHEET

ACCORDING TO 91/155/EEC AND ISO 11014-1

Data: Mar 20, 2020

Number: RJSSH190412MSDSEU

IDENTITY (As Used on Label and List)

Product Name: **Wet Wipes**

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:

ZHEJIANG RUOLIN HYGIENIC PRODUCTS CO., LTD

Address (Number, Street, City, State, and ZIP Code):

ROOM 1-1-1802, JINDI HIGH-TEC SQUARE, XIAOSHAN, HANGZHOU, CHINA

Emergency Telephone Number: +86-571-82201711

Fax Number for Information: +86-571-82201711

Contact Person: Archie Wu

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

INCI Name	CAS No.	% in Product
Glycerin	56-81-5	0.1%
Ethylhexy-Glycerin	70445-33-9	0.1%
Phenoxyethanol	122-99-6	0.5%
Benzalkonium Chloride	8001-54-5	0.1%
Didecyldimonium Chloride	7173-51-5	0.2%
Alcohol	64-17-5	10%
Propylene Glycol	57-55-6	0.1%
Water	7732-18-5	88.9%

1) Wipe to Fluid Ratio: 1:3.0

RJS STANDARDS TESTING & CERTIFICATION CENTER

141-04 14th Avenue, Whitestone, New York 11357, USA.



SECTION III - HAZARDS IDENTIFICATION

NFPA Ratings:

Health: 1 Flammability: 0 Reactivity: 0

Emergency Overview:

WARNING! Liquid may cause irritation to the eyes. Prolonged or repeated contact may dry skin and cause irritation and sensitization. Harmful if swallowed.

Potential Health Effects

Route of entry: Inhalation, skin contact, eye contact, ingestion.

Skin Contact: Frequent or prolonged contact with skin may cause irritation.

Eye Contact: May cause eye irritation. Symptoms may include stinging, tearing and redness.

Inhalation: Not expected to be a significant exposure route. Vapor or mist may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

SECTION IV - FIRST AID MEASURES

Skin Contact: Skin irritation is not expected. Should irritation develop, discontinue use. Wash affected skin thoroughly with soap and water. Get medical attention if irritation or other symptoms develop or persist.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.

Inhalation: Normal use of this product does not pose an inhalation hazard. Should respiratory tract irritation develop, discontinue use and remove to fresh air. Get medical attention if irritation or other symptoms persist or develop.

Ingestion: Seek medical attention immediately. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.

SECTION V - FIRE FIGHTING MEASURES

Flash Point (Method Used): N/A

Explosive Limits: LEL: N/A UEL: N/A

Unusual Fire and Explosion Hazards:

No unusual hazards expected.



Extinguishing Media:

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Fire Fighting Procedures:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Ventilate the area. Flush area well with water to remove trace residue. Surfaces may become slippery after spillage.

SECTION VII - HANDLING AND STORAGE

Handling: Avoid contact with eyes. Do not eat or drink when handling. Keep ventilation. Use in accordance with product literature.

Storage: Store product at room temperature. Keep in a closed package. Protect against physical damage. Observe all warnings and precautions listed for the product.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Limits

Paraffin Wax:

ACGIH TLV-TWA: 2 mg/m³ (fume);

OSHA TWA-PEL: Not established.

Engineering measure:

No special controls required. Use general ventilation.

Personal Protective Equipment

Eyes: Avoid contact with the eye. No special controls or personal protection required under conditions of intended use.

Skin: No special controls or personal protection required under conditions of intended use.

Respirators: No special controls or personal protection required under conditions of intended use.

Section IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Moist paper wipe saturated with unscented liquid.

Boiling Point: Not available.



Melting Point: Not available.
Solubility (liquid): Complete.
Specific Gravity/Density: Not available.
Percent Volatiles: Not available.

SECTION X - STABILITY AND REACTIVITY

Stability: Stable.

Materials to Avoid: Incompatible with strong oxidizing agents.

Conditions to Avoid: Flame and excessive heat.

Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Toxicity Data

2-Bromo-2-nitro-1, 3-propanediol:

Oral LD50 rat: 180mg/kg

Dermal LD50 rat: 1600mg/kg

Inhalation LC50 rat: 5mg/l, 6hr exposure

Carcinogenicity: None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, NTP or the European Directive (67/48/EEC).

Chronic Toxicity: Chronic exposure to naphtha may cause CNS damage.

Reproductive Effects: No adverse effects on reproduction are known.

Teratogenicity: Not expect.

Neurotoxicity: Not expect.

Mutagenicity: Not expect.

SECTION XII - ECOLOGICAL INFORMATION

Environmental Fate:

2-Bromo-2-nitro-1, 3-propanediol is believed to be toxic in the environment. Considering its tiny amount in this product and on the basis of available information, this product is not expected to produce any significant adverse environmental effects.



Chemical Fate Information:

No data available for the product.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal:

Dispose in accordance with federal, state and local environmental control regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator.

SECTION XIV - TRANSPORT INFORMATION

US Department of Transportation Classification:

The product is not a DOT controlled material (United States).

International Air Transportation Association Classification:

This product is not classified as a hazardous material for transport under IATA regulations.

International Maritime Organization – IMDG:

This product is not classified as a hazardous material for transport under IMDG regulations.

UN, IMO, ADR/RID, ICAO Code:

This product is not classified as a hazardous material for conveyance under these codes.

SECTION XV - REGULATORY INFORMATION

EUROPEAN REGULATIONS

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Risk Phrases:

R22 Harmful if swallowed.

R36 Irritating to eyes.

R43 May cause sensitization by skin contact.

Safety Phrases:

S2 Keep out of reach of children.

S20 When using do not eat or drink.

S25 Avoid contact with eyes.

**SECTION XVI - OTHER INFORMATION**

This data is offered in good faith as typical values and not as a product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

NOTE

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. RJS Standard Testing & Certification Center makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating there to. The data is offered solely for your consideration, investigation, and verification. RJS Standard Testing & Certification Center assumes no legal responsibility for use or reliance upon this data.