

浙江省检验检疫科学技术研究院 国家危险化学品检测重点实验室(浙江)



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正本/ORIGIN

編号: H20006987 No: H20006987 日期: 2020-03-17 Date: 2020-03-17

ZAIQ-RF(HH)-01-19

Safety Data Sheet



Applicant name: ZHEJIANG RIFESHOW COSMETICS CO., LTD.

Product Name: Hand Sanitizer

Edit date: 17th March, 2020

Edit institution: Zhejiang Academy of Science and Technology for Inspection and

Quarantine

Approver:

万脏落

1. Unless other wise stated, this test report is only responsible for the sample(s).

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	Identification of substance		
Product Name	Hand Sanitizer		
Trade Name	Rinse-free disinfectant Gel		
Chemical Name	None		
Recommended Use	Disinfect		
Manufacturer	ZHEJIANG RIFESHOW COSMETICS CO., LTD.		
Address	NO.67 Dashi Road, Fotang County, Yiwu City, Zhejiang, China /		
	322002		
Phone Number	+86-579-85020193		
Fax Number	+86-579-85020197		
WEB	None +86-579-85020196 or call your nearest poison control centre		
Emergency Phone Number			
	2. Hazards identification		
GHS classification	Flammable liquids 2		
GHS Pictograms			
at the state of th			
B T J D S B TO G			
Signal words	Danger		
Hazard statements	H225: Highly flammable liquid and vapour		
Precautionary Statement	P210: Keep away from heat/sparks/open flames/hot		
Prevention	surfacesNo smoking.		
Januaria.	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.		
rea per altituda de la composición del composición de la composici	P280: Wear protective gloves/protective clothing/eye		
	protection/face protection.		
Precautionary Statement	P303+P361+P353: IF ON SKIN (or hair): Take off immediately		
Response	all contaminated clothing. Rinse affected areas with water[or		
1	shower].		
	P370+P378: In case of fire: Use extinguisher to extinguish.		
Precautionary Statement	P403+P235: Store in a well-ventilated place. Keep cool.		
Storage			
Precautionary Statement	P501: Dispose of contents/container in according with local		
Disposal	regulation.		
Other hazards which do	Not available.		
not result in classification			

3. Composition/information on ingredients

□Substances

Component Information Component Component Alcohol Alcohol Component Alcohol Component Alcohol Component Alcohol Component Alcohol Component Alcohol Component Componen	√ Mixtures		The second secon	
After ingestion After eye contact After ingestion After ingestion After				
Alcohol 64-17-5 200-578-6 73%wt Delonized water 7732-18-5 231-791-2 25.3%wt Glycerol 56-81-5 200-289-5 1 1%wt Carbopol 940 9003-01-4 618-347-7 0.45%wt Triethanolamine 102-71-6 203-049-8 0.25%wt After inhalation Keep victim under observation. Symptoms may be delayed. After skin contact Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persists, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. After eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately. After ingestion Rimediately flush eyes material induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie, belt or waistband. Do not use mouth-to-mouth method if victim ingested the substance. Seek immediate medical attention. Most important symptoms/effects, acute and delayed 5. Fire-fighting measures Suitable extinguishing agents Special hazards caused by the material, its products of combustion or flue gases Protective equipment for fire-fighters Person-related safety Person-related safety Person-related safety Ensure adequate ventilation. Remove all sources of ignition.		CAS number	EINECS number	Mass(%)
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Person-related safety		protective clothing	and face mask.	
		6. Accidental rel	ease measures	
	Person-related safety	Ensure adequate	ventilation. Remove all	sources of ignition.
bi conditions	precautions	Beware of vap	ours accumulating t	o form explosive

hygienic measures

	concentrations unnecessary p			es before en	tering. Keep
Measures for	Dravent furthe	er leakage or	spillage if sa	afe to do so.	Do not allow
2 4 5 5 5 6 7 7	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper				
environmental protection			tile cirtino.		- F F
Measures for	governmental permits. Control spillage, and then collect with non-combustible				
cleaning/collecting	absorbent ma	aterial (e.g.	sand, eart	h, diatomac	eous earth,
clearing/conecting	vermiculite)	and place	e in suita	able contai	ner. Clean
	contaminated				
Additional information	See Section 7			handling	
Additional information	See section 8				on
	equipment.	TOT IIII OTTITIC	cion on pero	511d1 p. 51551.	7
	See Section 1	3 for inform	ation on dis	nosal	
		ng and stor		posum The second	
Handling	7. Harian	ing and scor	ugu		
Handling Information for safe	Use spark-pro	of tools and	l mechanical	equipments	i.
handling	In case of insufficient ventilation, wear suitable respiratory equipment.				
Information about		om heat soi	urces of iani	tion - No sm	okina.
Information about	Keep away from heat, sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.				
protection against	Take IIIeasure	s to preven	t the bund u	p or creen ou	catic cital get
explosions and fires STORAGE					
	Koon in a coo	l dry well-	ventilated nl	ace	
Requirements to be met	Keep in a cool, dry, well-ventilated place.				
by storerooms and containers	Keep tightly closed until used.				
Information about storage	Use of explosion-proof lighting, ventilation facilities. Store away from imcompatible substances such as strong				
				inces saen a	5 5 61 5 7. 9
in one common storage	oxidizing agents, alkalis, etc.				
facility Further information about	Storage area	should be e	auinned with	annronriate	variety and
Further information about	Storage area should be equipped with appropriate variety and quantity of fire equipment, emergency treatment equipments				
storage conditions	and suitable materials for leakage.				
8	Exposure cont				
Limit Values for Exposure	ZAPOSALO CONC		, , , , , , , , , , , , , , , , , , , ,		
Component		ACGIH	ACGIH	NIOSH	NIOSH
Component	CAS number	TLV-TWA	TLV-STEL	REL-TWA	REL-STEL
			1,000	1,000	
Alcohol	64-17-5	N.E.	ppm	ppm	N.E.
Clycorol	56-81-5	N.E.	N.E.	N.E.	N.E.
Glycerol Carbopol 940	9003-01-4	N.E.	N.E.	N.E.	N.E.
Triethanolamine	102-71-6 5 mg/m ³ N.E. N.E. N.E.				
Appropriate engineering	Use adequate				
controls	Provide safety				
General protective and					dle in
business protective and	Do not get this material in contact with eyes. Handle in				

accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday. Splash goggles, gloves, protective clothing and a vapor Personal protective respirator. equipment When workers are facing concentrations above the exposure Breathing equipment limit they must use appropriate certified respirators. Wear appropriate chemical resistant gloves. Protection of hands Use safety glasses with side shields or safety goggles as Eye/Face protection mechanical barrier for prolonged exposure. Full set of anti chemical reagent overalls, flame retardant Body protection antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place

	substance at the work place.
Note:1. N.E. means not estab	
	9.Physical and chemical properties
Physical state	Gel
Colour	Colourless
Odour	No data available
Melting point/freezing	No data available
point	
Boiling point or initial	No data available
boiling point and boiling	
range	
Flammability	Highly flammable
Lower and upper explosion	No data available
limit/ flammability limit	14.0 % (6)
Flash point	14.8 °C (Closed cup)
Auto-ignition temperature	No data available
Decomposition	No data available
temperature	No determinable
pН	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient:	No data available
n-octanol/water(log	
value)	No data available
Vapour pressure	No data available
Density and/or relative	NO data available
density	No data available
Relative vapour density	NO data available
(air=1) Particle characteristics	Not applicable
raiticle characteristics	10. Stability and reactivity
Donativity	Alcohol reacts slowly with calcium hypochlorite, silver oxide
Reactivity	and ammonia. This generates fire and explosion hazard. Reacts
	and animorna. This generates me and explosion hazard. Redets [

Chemical stability Possibility of hazardous reactions Conditions to avoid (e.g.	violently with strong oxidants such as nitric acid, silver nitrate, mercuric nitrate and magnesium perchlorate. This generates fire and explosion hazard. Stable under recommended storage conditions. No data available. Heat and flame and spark. The extreme temperatures and		
static discharge, shock or vibration)	direct sunlight. Static discharge.		
Incompatible materials Hazardous decomposition products	Avoid contact with strong oxidizing agents, alkalis, etc. The decomposition products depend on temperature, air supply and other substances. Decomposition products may include but are not limited to: carbon monoxide and carbon dioxide, nitrogen oxides.		
	11.Toxicological information		
Routes of Entry: Dermal con	tact, eye contact, inhalation, ingestion.		
Acute Toxicity	1000 (00 1 00 100 100 100 100		
Alcohol (CAS 64-17-5)	LD50 (Oral, rat): 10,470 mg/kg LC50 (Inhalation, rat): 124.7 mg/l (4 h)		
Glycerol (CAS 56-81-5)	LD50 (Dermal, rabbit): N/A LD50 (Oral, rat): 4,090 mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): N/A		
Carbopol 940 (CAS 9003-01-4)	LD50 (Oral, rat): 2,500 mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): N/A		
Skin corrosion/Irritation Serious eye	Not classified Not classified		
damage/irritation Respiratory or skir sensitization	Not classified		
Germ cell mutagenicity	Not classified		
Carcinogenicity	Not classified		
Reproductive toxicity	Not classified		
STOT-single exposure	Not classified		
STOT-repeated exposure	Not classified		
Aspiration hazard	Not classified		
Chronic Effects	Not classified		
Further Information	None.		
Factorialty	12. Ecological information		
Ecotoxicity			

Aquatic Toxicity

Test & Species

96 Hr LC50 fish: N/A 48 Hr EC50 Daphnia: N/A

72 Hr EC50 Algae: N/A

Persistence and

Not available

degradability

Bioaccumulative potential

Not available Not available

Mobility in soil Additional Information

None

13. Disposal considerations

WASTE DISPOSAL INSTRUCTIONS

Contact a qualified professional waste disposal service to dispose of this

material.

Dispose of in accordance with local environmental regulations or local

authority requirements.

14. Transport information

The Recommendation of Transport of Dangerous Goods(TDG)

UN Number

UN 1170

Proper Shipping Name

ETHANOL SOLUTION

Class/Division

Class 3 Flammable Liquids

Package Group

PG II

Subsidiary risk

labelling pictogram



Maritime transport IMDG/

Being same with TDG/No

Marine pollutant (Yes/No)

Air transport ICAO-TI and

Being same with TDG

IATA-DGR

15. Regulatory information

European/International Regulations

OSHA:

Hazardous by definition of Hazard Communication

Standard(29CFR 1910.1200).

EINECS Status:

The main components of this chemical are included in EINECS

inventory.

EPA TSCA Status:

The main components of this chemical are included in TSCA

inventory.

Canadian

The main components of this chemical are included in DSL.

DSL(Domestic

Substances List):

HMIS(Hazardous

Material Identification System Ratings):

Health: 0

Flammability: 3 Physical hazard: 0

Personal protection: H

(4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1.

Slight Hazard; 0. Minimal Hazard)

WHMIS (Canadian

Workplace Hazardous Material Identification System Ratings):

GB 12268-2012 List of dangerous goods

B2, D2B (Alcohol).

This product is a dangerous goods on the GB 12268-2012 list of

dangerous goods.

16, other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE"," International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

Abbreviations and

acronyms

ADR: European Agreement concerning the International

Carriage of Dangerous Goods by Road

RID: Regulations Concerning the International Transport of

Dangerous Goods by Rail

IMDG: International Maritime Code for Dangerous Goods

IATA-DGR: Dangerous Goods Regulations by the "International

Air Transport Association" (IATA)

ICAO-TI: Technical Instructions by the "International Civil

Aviation Organization" (ICAO)

EINECS: European Inventory of Existing Commercial Chemical

Substances

CAS: Chemical Abstracts Service

	LC50: Lethal concentration, 50 percent
	LD50: Lethal dose, 50 percent EC50: Effective concentration, 50 percent
Edit Date	17.03.2020
Update and Revise	Original edition
F 17 01	Globally Harmonized System of Classification and Labelling for
Edit Standard	Chemicals Part 1.5
	Zhejiang Academy of Science and Technology for Inspection
Revised Institution	and Quarantine

