



Material Safety Data Sheet

INSTANT HAND SANITIZER GEL

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: INSTANT HAND SANITIZER GEL
Product Code: XY-S-030
Product Use: INSTANT HAND SANITIZER GEL

Supplier Information

Company Name: XXXXX XXX COMMODITY CO., LTD.
Address: XXX XXXX XX, Beilun District Ningbo City Zhejiang Province, CHINA, 315609
0086-574-XXXXXXX
Tel: 0086-574-XXXXXXX
Fax:
Email:
Emergency Telephone: 0086-574-XXXXXXX

2. HAZARDS IDENTIFICATION

Emergency Overview

Due to the ethyl alcohol content in the wipes, this product is flammable in large quantities. Dangerous fire hazard when exposed to heat, sparks, flame, or oxidants. Eye and mucous membrane irritant. Harmful if swallowed or inhaled.

Potential Health Effects

Principle Routes of Exposure

Skin contact, Eye contact.

Acute Toxicity

Eyes

May cause irritation.

Skin

Prolonged exposure to vapor may irritate the skin.

Inhalation

May be harmful if inhaled.

Ingestion

May be harmful if swallowed. May cause central nervous system depression.

Aggravated Medical Conditions

Central nervous system, Preexisting eye disorders, Blood disorders, Liver disorders, Overexposure may cause female and male reproductive disorder(s), Skin disorders, Respiratory disorders.



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Environmental Hazard See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Preparation

This product is consisted of instant hand sanitizer gel solution. This MSDS is created based on the data of cleaning solution. Ingredients listed here are hazardous ingredients of cleaning solution.

Ingredients	CAS NO.	Conc. [%]
Aqua	7732-18-5	14.65
Ethyl alcohol	2682-20-4	80.00
Glycerol	56-81-5	5.00
carbomer	9007-16-3	0.20
Triethanolamine	102-71-6	0.15

Note:

- 1: Inactive ingredients of cleaning solution are water, Aloe Vera, Vitamin E, and other none hazardous ingredients.
- 2: See Section 8 of MSDS for exposure limit data for these ingredients. Full text of risk phrases appearing in section 3: see section 16.
- 3: This MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

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Ingestion

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Environmental Hazard See Section 12 for additional Ecological Information.

4. FIRST AID MEASURES

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.

Skin Contact

Wash skin with soap and water. If skin irritation persists, call a physician.

Inhalation

Move victim to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.

Ingestion

Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person.

Notes to Physician

Ethanol may inhibit methanol metabolism.

Protection of First-aiders

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE FIGHTING MEASURES

Flash Point and Method: 19°C (Cleveland open cup)

Auto ignition Temperature: No data

Flammable Limits: No data

Extinguishing Media: **CAUTION:** All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

Special exposure hazards: N/A

Hazardous Decomposition Products: Combustion products may include oxides of carbon.



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Special Protective Equipment for Firefighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment

A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for Cleaning Up

Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal.

Other Information

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

7. HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Measures

- Showers
- Eyewash stations
- Ventilation systems

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and Body Protection



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Protective gloves.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

Occupational Exposure Limits:

No exposure standards have been established for this product. However, exposure standards for ingredients are stated below:

Ingredients	OEL
Ethanol	TLV: 1000 ppm; 1880 mg/m ³ (as TWA) (ACGIH 1993-1994). MAK: 1000 ppm; 1900 mg/m ³ ; IV (1992). MAK: class D (1992). OSHA PEL: TWA 1000 ppm (1900 mg/m ³) NIOSH REL: TWA 1000 ppm (1900 mg/m ³) NIOSH IDLH: 3300 ppm LEL
Isopropyl Alcohol	-OSHA Permissible Exposure Limit (PEL): 400 ppm (TWA) -ACGIH Threshold Limit Value (TLV): 200 ppm (TWA), 400 ppm (STEL)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent liquid

Odor: Orange odor

Color: Clear

Boiling Point: Not determined

Flash Point: 19°C (open cup)

PH: 5~7

Physical State: liquid

Vapor Density: Not determined

Vapor Pressure: Not determined

Specific Gravity: 0.8500~1.0000

Solubility (H₂O): soluble

Burning Rate: Not determined

Auto ignition: Not determined

Upper Flammability Limit: Not determined

10. STABILITY AND REACTIVITY



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Stability

Stable under recommended storage conditions.

Incompatible Products

Strong oxidizing agents. Acids. Chlorinated compounds.

Conditions to Avoid

Heat, flames and sparks.

Hazardous Decomposition Products

Carbon oxides.

Hazardous Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity data

Refer to following ingredient's information:

Ingredient	Toxicity data
Ethanol(cas: 64-17-5)	RTECS#: KQ6300000 Draize test, rabbit, eye: 500 mg Severe; Draize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 20 mg/24H Moderate; Inhalation, mouse: LC50 = 39 gm/m3/4H; Inhalation, rat: LC50 = 20000 ppm/10H; Oral, mouse: LD50 = 3450 mg/kg; Oral, rabbit: LD50 = 6300 mg/kg; Oral, rat: LD50 = 9000 mg/kg; Oral, rat: LD50 = 7060 mg/kg;
Isopropyl Alcohol (cas:67-63-0)	RTECS#: NT8050000 Oral rat LD50: 5045 mg/kg; skin rabbit LD50: 12.8 gm/kg; inhalation rat LC50: 16,000 ppm/8-hour; investigated as a tumorigen, mutagen, reproductive effector.
2-amino-2-methylpropanol(124-68-5)	Oral rabbit LD50: 2900 mg/kg Skin rabbit LD50: > 2000mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.



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Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethyl alcohol			EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	h LC50 48 9268 mg/L h EC50 24 10800 mg/L

Chemical Name	Log Pow
Ethyl alcohol	-0.32

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

DOT	
Proper Shipping Name	Consumer commodity
Hazard Class	ORM-D
Description	Consumer commodity,ORM-D
Emergency Response Guide Number	127
TDG	
Proper Shipping Name	Ethanol
Hazard Class	3
UN-No	UN1170
Packing Group	III
Description	ETHANOL,3,UN1170,PG III
MEX	
Proper Shipping Name	Ethanol
Hazard Class	3
UN-No	UN1170
Packing Group	III
Description	UN1170 Ethanol,3,III
ICAO	
UN-No	UN1170



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Proper Shipping Name	Ethyl alcohol solution
Hazard Class	3
Packing Group	III
Description	Ethyl alcohol solution,3,UN1170,PG III
IATA	
UN-No	UN1170
Proper Shipping Name	Ethyl alcohol solution
Hazard Class	3
Packing Group	III
ERG Code	3L
Description	UN1170,Ethyl alcohol solution,3,PG III
IMDG/IMO	
Proper Shipping Name	Ethanol (Ethyl alcohol)
Hazard Class	3
UN-No	UN1170
Packing Group	III
EmS No.	F-E, S-D
Description	UN1170, Ethanol (Ethyl alcohol),3,PG III, FP 23C
RID	
Proper Shipping Name	Ethanol (Ethyl alcohol)
Hazard Class	3
UN-No	UN1170
Packing Group	III
Classification Code	F1
Description	UN1170 Ethanol (Ethyl alcohol),3,III,RID
ADR/RID-Labels	3
ADR	
Proper Shipping Name	Ethanol (Ethyl alcohol)
Hazard Class	3
UN-No	UN1170
Packing Group	III
Classification Code	F1
Description	UN1170 Ethanol (Ethyl alcohol),3,III
ADN	
Proper Shipping Name	Ethanol
Hazard Class	3
Packing Group	III



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Classification Code	F1
Special Provisions	144, 330, 601
Description	UN1170 Ethanol,3,III
Hazard Labels	3
Limited Quantity	LQ7
Ventilation	VE01

15. REGULATORY INFORMATION

International Inventories

TSCA Exempt

DSL Does not Comply

EINECS/ELINCS Does not Comply

ENCS Does not Comply

IECSC Does not Comply

KECL Does not Comply

PICCS Does not Comply

AICS Does not Comply

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

Chronic Health Hazard No

Fire Hazard Yes

Sudden Release of Pressure Hazard No

Reactive Hazard No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive



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Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

16. OTHER INFORMATION

Risk phrases in section 3:

R11: Highly flammable.

R36: Irritating to eyes.

R36/38: Irritating to eyes and skin.

R52: Harmful to aquatic organisms.

R53: May cause long-term adverse effects in the aquatic environment.

R67: Vapors may cause drowsiness and dizziness

Issue Date: Feb. 21, 2020

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. We make no representation as to completeness or accuracy. In no event we shall be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

*** END OF MSDS ***