



SDS Report

Report No.	WP-20034276-HJ-01-E
Sample Name	Hand sanitizer
Client	Kunshan Health & Beyond Inc.

Jiangsu Micro Spectrum Detection Technology Co., Ltd



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Applicant : Kunshan Health & Beyond Inc.
Room 701-702, Bld 2, Huijin Bld, No.55, Shangxiang Road,
Huaqiao Town, Kunshan City, China 215332

Manufacturer : Nantong Health & Beyond Hygienic Products Inc.
No.118 YuXian Road, North Town Street, Rugao City Jiangsu
Province, China 226575

Product Name : hand sanitizer

Model : /

Trade : /

This report is limited to the above applicant company and the product model only.

This Chemical Safety Technical Specification (SDS) only meets the local regulatory requirements and standards of the applicable regulation and may not meet the regulatory requirements of other countries.

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(according to *Occupational Safety and Health Admin. Labor (29CFR) 1910.1200 Hazard Communication*)

SECTION 1: IDENTIFICATION OF PRODUCT AND SUPPLIER

1.1 Product Identifiers

Product Name: Hand sanitizer

Batch: /

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Cleaning and disinfection

Export to: China

1.3 Details of the supplier of the safety data sheet

Manufacturer: Nantong Health & Beyond Hygienic Products Inc.

Address: No.118 YuXian Road, North Town Street, Rugao City Jiangsu Province, China 226575

TEL: +86-138 0627 5562 ZIP Code:

E-Mail: rd02@healthandbeyond.cn

Emergency telephone number:

Weekday: +86-138 0627 5562

Night& Holiday: +86-138 0627 5562

SECTION 2: HAZARDS IDENTIFICATION

2.1 GHS Risk Categories

This product is not hazardous substance in according to the definition in

GHS Flammable liquids: Category 2

Eye irritation: Category 2A

2.2 GHS Label elements including precautionary statements

Pictograms:



Signal Word:

Warning

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Risk description: H226 Flammable liquid and vapor.

2.3 Precautionary Statements

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.

P280 Wear eye protection/ face protection.

Response:

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 to extinguish.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

2.4 Hazards not otherwise classified

No information available

2.5 Other hazards

Results of PBT and vPvT assessment, no PBT or vPvB substances

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance or mixture

Preparation

3.2 Information about the chemical nature of product

Active Ingredient:

Name	CAS#	Percentage
Alcohol	64-17-5	62%

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Inactive Ingredients:

Water(CAS# 7732-18-5), Glycerin(CAS# 56-81-5), Propylene Glycol(CAS# 57-55-6), Acrylates/
C10-30 Alkyl Acrylate Crosspolymer(CAS# NA), Fragrance(CAS# NA), Aminomethyl
Propanol (CAS# 124-68-5), Tocopheryl Acetate(CAS# 7695-91-2), Aloe Barbadensis Leaf
Juice(CAS# 94349-62-9), Maltodextrin(CAS# 9050-36-6), Denatonium
Benzoate (CAS# 3734-33-6), FD&C Blue No.1 (CAS# 3844-45-9), FD&C Yellow
No.5 (CAS# 1934-21-0).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Advice:

In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

Eye contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Seek medical advice.

Skin Contact:

Wash with water and soap as a precaution. Get medical attention if irritation develops and persists.

Inhalation:

If inhaled, remove to fresh air. If symptoms persist, call a physician.

Ingestion:

If swallowed, DO NOT induce vomiting. Rinse mouth with water. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

First Aid responders should pay attention to self-protection and use the recommended protective clothing

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Unsuitable extinguishing

High volume water jet

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5.3 Special hazards arising from the substance or mixture

No information available

5.4 Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.5 Further information

In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

6.2 Environmental precautions

Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Non-sparking tools should be used.
Soak up with inert absorbent material.
Suppress (knock down) gases/vapours/mists with a water spray jet.
Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

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For personal protection see section 8.
Keep away from heat and flame.
Use with local exhaust ventilation.
Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Take measures to prevent the build up of electrostatic charge.
Keep in properly labelled containers.
Keep containers tightly closed in a dry, cool and well ventilated place.
Store in accordance with the particular national regulations.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ethyl Alcohol,
TWA: 1900mg/m³ (NIOSH, REL); STEL: 1000mg/kg (OSHA Z-1)

8.2 Exposure controls

No related information available

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: No special protective equipment required.

Eye protection: Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection: No special measures necessary provided product is used correctly.

Protective measures: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Avoid contact with eyes

8.3 Environmental exposure controls Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a, appearance Liquid

b, color Clear

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c, odor	Alcohol odor
d, pH	4-8
e, Melting point/freezing point:	No data available
f, Initial boiling point and boiling range:	>50°C
g, Flash point:	<23°C
h, Kinematic viscosity:	No data available
i, Flammability :	No data available
j, Explosive properties:	No data available
k, Upper/lower limit of explosion	No data available
l, Vapour pressure(at 20°C):	No data available
m, Vapour density:	No data available
n, Density/relative density:	0.9 g/cm ³
o, Water solubility:	Solubility
p, Partition coefficient n-octanol/water	No data available
q, Auto-ignition temperature:	No data available
r, Decomposition temperature:	No data available
s, Oxidizing properties:	No data available
t, The evaporation rate:	No data available

9.2 Other safety information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2 Chemical Stability

Stable under normal conditions.

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10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decomposition products are known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No data available

Acute toxicity No data available

Skin corrosion/irritation No data available

Serious eye damage/eye irritation No data available

Respiratory or skin sensitisation No data available

Germ cell mutagenicity No data available

Carcinogenicity No data available

Reproductive toxicity No data available

Specific target organ toxicity - single exposure No data available

Specific target organ toxicity - repeated exposure No data available

Aspiration hazard No data available

11.2 Additional instructions

Registration of toxic effects of chemical substances: No data available

Signs and symptoms of exposure: No data available

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SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity:	No data available
12.2	Persistence and degradability:	No data available
12.3	Bio biodegradability:	No data available
12.4	Mobility in soil:	No data available
12.5	Results of PBT and vPvB assessment:	Not PBT/vPvB substances
12.6	Other adverse effects:	No information available.

SECTION 13: WASTE TREATMENT METHODS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by the regulation. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, law requires disposal at a licensed hazardous waste disposal facility.

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1	UN Number	
	ADR/RID:	1170
	IMDG:	1170
	IATA-DGR:	1170
14.2	UN proper shipping name	
	ADR/RID:	Ethanol solution
	IMDG:	Ethanol solution
	IATA-DGR:	Ethanol solution
14.3	Transport hazard class(es):	
	ADR/RID:	3
	IMDG:	3

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IATA-DGR: 3

14.4 Packaging group

ADR/RID: II

IMDG: II

IATA-DGR: II

14.5 Environmental hazards

ADR/RID: No

IMDG: No

IATA-DGR: no

14.6 Special precautions for user Prevent leakage

14.7 Incompatible materials No data available

Hazardous by transport regulations. When transported by ground modes in the U.S, and transported by water, this product is typically shipped as a UN1170 in limited quantities. Refer to all current transport regulations for exact requirements.



SECTION 15: REGULATION INFORMATION

15.1 Safety, health and environmental regulations/legislation specific the substance or mixture

TSCA Not listed

IECSC Not listed

DSL/NDSL Not listed

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

16.1. date of preparation or last revision

Issued date March 27, 2020

16.2. The date of preparation of the SDS or the last change to it.

Preparation date March 27, 2020

Edit information ☒ New Edit, ☐ Revised

Current vision 0.0

16.3. Other information

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other information

ACGIH: (American Conference of Governmental Industrial Hygienists);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
CAS: (Chemical Abstracts Service);
DSL: (the Domestic Substances List of Canada);
EC: (European Commission);
EC50: (Median effective concentration);
ENCS(MITI No.): (Existing and New Chemical Substances of Japan);
IARC: (International Agency for Research on Cancer);
IATA: (International Air Transport Association);
IECSC: (Inventory of Existing Chemical Substances in China);
LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
NDSL: (the Non-domestic Substances List of Canada);
NIOSH: (US National Institute for Occupational Safety and Health);
NOEC: (No observed effect concentration) ;
NTP: (US National Toxicology Program);
OSHA: (US Occupational Safety and Health);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);
PEL: (Permissible Exposure Level); REL: (Recommended Exposure Limit);
RTECS: (Registry of Toxic Effects of Chemical Substances);
STEL: (Short Term Exposure Limit);
TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
LV: (Threshold Limit Value)