

Material Safety Data Sheet

Report No.: RT202003208077512

DATE: 2020-3-20

Page2/10

SECTION 1. Identification of the substance/preparation and company

- 1.1 Product Identification** : HAND SANITIZER
- 1.2 Model No.** : 300ML, 500ML, 750ML, 1000ML
- 1.3 Recommended Use** : CLEAN
- 1.4 Applicant Name** :
- 1.5 Applicant Address** :
- 1.6 Manufacturer Name** : /
- 1.7 Manufacturer Address** : /
- 1.8 Tel / Fax** : 1800668736
- 1.9 Email** : /
- 1.10 Emergency Phone** : /

SECTION 2. Hazards identifications

2.1 Hazard Class(GHS):

Flammable liquids category 2

2.2 Pictograms:



2.3 Signal word:

Danger

2.4 Hazard description:

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Material Safety Data Sheet

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Page3/10

H225:Highly flammable liquid and vapour

2.5 Precautionary description:

P210:Keep away from heat, hot surfaces, sparks,open flames and other ignition sources. No smoking

P233:Keep container tightly closed.

P240:Ground and bond container and receiving equipment.

P241:Use explosion-proof[electrical/ventilating/lighting/...] equipment.

P242:Use non-sparking tools.

P243:Take action to prevent static discharges.

P280:Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3. Composition / information on ingredients

The difference between the single product and mixture: Mixture

Substance name	Conc. (%)	CAS.
ETHYL ALCOHOL	68.00	64-17-5
DEIONIZER WATER	27.80	7732-18-5
CARBOMER	2.00	9007-20-9
GLYCERIN	1.00	56-81-5
PROPYLENE GLYCOL	0.50	57-55-6
TRIETHANOLAMINE	0.50	102-71-6
FRAGRANCE	0.20	/

SECTION 4.First aid measures

General advice: Show this safety data sheet (MSDS) to the doctor in attendance.

4.1 Following eye contact:

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

Continue rinsing.Immediately call consult a doctor if feeling uncomfortable.

4.2 Following skin contact:

Can contact skin, if there is discomfort, wash with water, seek medical attention.

4.3 Following inhalation:

Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration

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Page4/10

and consult a physician immediately.

4.4 Following ingestion:

If it is ingested, rinse the mouth with water. Immediately call consult a doctor if feeling uncomfortable.

SECTION 5. Firefighting measures

5.1 Hazardous Characteristics:

It is flammable. Its vapor can form explosive mixture with air. Exposure to open flames and high heat can cause combustion and explosion.

In a fire scene, heated containers are at risk of explosion.

Vapor is heavier than air, spreads along the ground and tends to accumulate in low-lying places. It will ignite when it comes to fire.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

5.3 Firefighting procedures:

As in any fire, wear self-contained breathing apparatus(MSHA/NIOSH approved or equivalent)and full protective gear.

Extinguish fire in a safe distance with enough protection

Prevent fire extinguishing water from contaminating surface water or the ground water system.

5.4 Hazardous combustion products:

Carbon dioxide.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with your eyes.

Ensure adequate ventilation. Clear all fire sources.

Evacuate personnel to safe areas. Keep people away from upwind of spill/leak.

Wear appropriate protective measures (SEE SECTION 8).

6.2 Environmental precautions:

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Report No.: RT202003208077512

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Page5/10

This product has no hazard to the environment. Don't discard in the surrounding environment without government permission.

6.3 Cleaning method:

Remove by liquid absorbing material (e.g. kieselguhr) . Adhered or collected material should be promptly disposed of. Disposal of discarded waste/pollutants refers to SECTION 13.

SECTION 7. Safe handling and storage

7.1 Handling Notes:

Confined operation.

Avoid sun exposure.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Use explosion-proof ventilation systems and equipment.

Prevent vapors from leaking into the workplace air.

Handle lightly when handling to prevent damage to packaging and containers.

Avoid contact with oxidants, acids, alkali metals and amines.

Equipped with the corresponding variety and quantity of fire fighting equipment and leakage emergency treatment equipment.

7.2 Storage Notes:

Store in a cool, ventilated warehouse.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

It should be stored separately from oxidants, acids, alkali metals, amines and so on.

Use explosion-proof lighting and ventilation facilities.

Prohibit the use of spark-prone machinery and equipment.

The storage area should be equipped with emergency response equipment and suitable containment materials.

Stored in compatible containers.

Keep storage containers sealed.

Do not store with incompatible material (see section 10.2)

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Material Safety Data Sheet

Report No.: RT202003208077512

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Page6/10

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

No information found

8.2 Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of localexhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.3 Respiratory Protection:

No special protection is required under normal conditions.

Wear a filter mask when necessary.

8.4 Eyes Protection:

No special protection is required under normal conditions.

Wear protective glasses when necessary.

8.5 Hands Protection:

No special protection is required under normal conditions.

Wear protective gloves when necessary.

8.6 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SECTION 9. Physical and chemical properties

Appearance and Color	Transparent Liquid
Odour	Alcohol odor
PH value	No Data
Flammability	Flammable
Density(g/cm³)	No Data
Relative steam density (air = 1)	No Data

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Page7/10

Vapor pressure(MPa)	No Data
Octanol/water partition coefficient	No Data
Viscosity (mPa/s)	No Data
Flash point(°C,Closed cup)	No Data
Boiling point(°C)	No Data
Freezing point (°C)	No Data
Evaporation rate (kg/s)	No Data
UEL %(V/V)	No Data
LEL %(V/V)	No Data
Auto-ignition temperature(°C)	No Data
Decomposition temperature(°C)	No Data
Solubility	Partially soluble in water

SECTION 10. Stability and reactivity

10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali.

10.3 Contact conditions for avoiding:

Fire、High temperature.

10.4 Hazardous decomposition products:

No data available

SECTION 11. Toxicological information

11.1 Acute toxicity:

No information found.

11.2 Skin corrosion/irritation:

No information found.

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Page8/10

11.3 Serious eye damage/irritation:

No information found.

11.4 Respiratory or skin sensitisation:

No information found.

11.5 Germ cell mutagenicity:

No information found.

11.6 Carcinogenicity:

No information found.

11.7 Reproductive toxicity:

No information found.

11.8 STOT-single exposure:

No information found.

11.9 STOT-repeated exposure:

No information found.

11.10 Aspiration hazard.:

No information found.

SECTION 12. Ecological information

12.1 Ecotoxicity:

According to the environmental protection laws, can't be discarded in those places which would affect soil and underground water.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil:

No data available.

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Page9/10

12.5 Other adverse effects:

No data available

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

13.2 Handling method for uncleaned packaging

According to official regulations.

SECTION 14. Transport information

IMDG,ICAO/IATA,ADR/RID 14.1 UN NO.: 1170

IMDG,ICAO/IATA,ADR/RID 14.2 Class: 3

IMDG,ICAO/IATA,ADR/RID 14.3 Packaging group: II

IMDG,ICAO/IATA,ADR/RID 14.4 Technical name: ETHANOL SOLUTION



IMDG,ICAO/IATA,ADR/RID 14.5 Label:

14.6 Attention Notes: Gentle with, prevent collision drag and dump. Prohibition with antioxidant and food chemical mixed stowage, transit should prevent sun, fire, rain and high temperature.

SECTION 15. Regulatory information

Hazardous chemicals catalog

International maritime dangerous goods code

Dangerous Goods Number Of United Nations

Technical Instructions for the Safe Transport of Dangerous Goods by Air

Classification and code of dangerous goods

Occupational Safety and Health Act (OSHA)

The principle of classification of transport packaging groups of dangerous goods

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Page10/10

Globally Harmonized System of Classification and Labelling of Chemicals

In accordance with all local laws.

SECTION 16. Other information

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