

Report No. NB2020031040EN Date: April 16, 2020 Page: 1/9

Applicant Name : ANHUI CAOSHANHU BIOTECHNOLOGY CO., LTD

Applicant Address : CHUANGYE ROAD, CHENGGUAN INDUSTRIAL PARK, TAIHE
COUNTY, FUYANG CITY, ANHUI PROVINCE

Product Name : Hands free disinfectant

Received Date : April 16, 2020

Compilation Period : April 15, 2020 to April 16, 2020

Regulatory Requirements : As requested by the applicant, the Safety Data Sheet is prepared according to *Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Rev_8 (2019)* .

Signed for and on behalf of Guangdong NewBest Testing Service Co., Ltd.

Approved by:



Manager



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SECTION 1. Identification of the substance/preparation and company

1.1 Product Identification	:	Hands free disinfectant
1.2 Model No.	:	/
1.3 Recommended Use	:	Sterilization and disinfection
1.4 Manufacturer Name	:	ANHUI CAOSHANHU BIOTECHNOLOGY CO., LTD
1.5 Manufacturer Address	:	CHUANGYE ROAD, CHENGGUAN INDUSTRIAL PARK, TAIHE COUNTY, FUYANG CITY, ANHUI PROVINCE
1.6 Manufacturer Tel	:	18156276999
1.7 Manufacturer Fax	:	/
1.8 Manufacturer Email	:	1023980853@QQ.COM
1.9 Emergency Phone	:	18156276999

SECTION 2. Hazards identifications

2.1 Hazard Class:

According to *Globally Harmonized System of Classification and Labelling of Chemicals* (GHS) (part 2~4), classification of risk categories.

Flammable liquids, categories 3

2.2 Pictograms:



2.3 Signal word:

Warning

2.4 Hazard description:

H226 Flammable liquid and vapour

H319 Causes serious eye irritation

2.5 Precautionary description:

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

P234 Keep only in original packaging.

P240 Ground and bond container and receiving equipment. – if electrostatically sensitive and able to generate an explosive atmosphere.

P280 Wear protective gloves/protective clothing/eye protection/face protection. Manufacturer/supplier or the competent authority to specify the appropriate type of equipment.

SECTION 3. Composition / information on ingredients

Substance name	Conc. (%)	CAS. No
Water	24.2	7732-18-5
Alcohol	72.8	64-17-5
Glycerin	2	56-81-5
PolyacrylicAcid	0.3	9003-01-4
Triclosan	0.2	3380-34-5
Ethylhexylglycerin	0.1	70445-33-9
Triethanolamine	0.1	102-71-6
Phenoxyethanol	0.1	122-99-6
Allantoin	0.1	97-59-6

SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

4.1 Following inhalation:

If feeling uncomfortable, victim should be moved into fresh air. Seek medical attention.

4.2 Following skin contact:

Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feeling uncomfortable.

4.3 Following eye contact:

In case of contact may cause irritation, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician immediately if eyes are hurt.



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4.4 Following ingestion:

If ingestion rinse the mouth with water.

SECTION 5. Firefighting measures

5.1 Hazardous Characteristics:

Liquid and vapour are flammable.

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.

5.4 Hazardous combustion products:

carbon monoxide

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective measures (SEE SECTION 8). Avoid inhaling vapors and contacting with skin and eye.
Ensure adequate ventilation. Remove all sources of ignition.

6.2 Environmental precautions:

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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:

Stay away from heat and direct sunlight;
Avoid contact with eyes and skin.

7.2 Storage Notes:

Stored in cool and dry
compatible containers
Do not store with incompatible material (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

Substance	Country/Region	Occupational exposure limit (8h)		Occupational exposure limit (short time)	
		ppm	mg/m ³	ppm	mg/m ³
Ethanol	US-OSHA	1000	1900	-	-

8.2 Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust 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 Personal Protection:

If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

8.4 Sanitary Measure:

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

SECTION 9. Physical and chemical properties

Appearance and Color	White liquid
Odour	Fragrance
PH value	6-9
Flammability	Combustible
Density(g/cm³)	0.89-0.90
Relative steam density (air = 1)	No Data
Vapor pressure(MPa)	5.33
Octanol/water partition coefficient	No Data
Viscosity	>80
Flash point(°C,Closed cup)	78.15
Boiling point(°C)	-114.1
Melting point (°C)	No Data
Evaporation rate (kg/s)	No Data
UEL %(V/V)	19
LEL %(V/V)	3
Auto-ignition temperature(°C)	No Data
Decomposition temperature(°C)	No Data
Solubility	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:

Sunlight, high temperature.

10.4 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.



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SECTION 11. Toxicological information

11.1 Acute toxicity:

Based on available data, the classification criteria are not met.

11.2 Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

11.3 Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

11.4 Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

11.5 Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

11.6 Carcinogenicity:

Based on available data, the classification criteria are not met.

11.7 Reproductive toxicity:

Based on available data, the classification criteria are not met.

11.8 STOT-single exposure:

Based on available data, the classification criteria are not met.

11.9 STOT-repeated exposure:

Based on available data, the classification criteria are not met.

11.10 Aspiration hazard.:

Based on available data, the classification criteria are not met.

SECTION 12. Ecological information

12.1 Toxicity:

No data available.

12.2 Persistence and degradability:

No data available.



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12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil

No data available.

12.5 Other Dangers:

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

Processing as general waste processing after the empty container.

SECTION 14. Transport information

Packing less than 1L, It can be shipped as general cargo

Packaging Label	
UN NO	1170
Technical name	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class	3
Subsidiary hazard class	无
Packing group	II
Limited quantities	1L

SECTION 15. Regulatory information

Hazardous chemicals catalog
Dangerous Goods Number Of United Nations



Classification and code of dangerous goods

Occupational Safety and Health Act
(OSHA)

The principle of classification of transport packaging groups of dangerous goods
In accordance with all local laws.

SECTION 16. Other information

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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