

MATERIAL SAFETY DATA SHEET (MSDS)

Applicant Name : Shizhiyu (Guangzhou) Biotechnology Co., Ltd.

Applicant Address : 1303 Longhui Building, Longkou East Road, Tianhe Park, Tianhe,
Guangzhou

Product Name : UV GEL

Report No. : RT20220413000001

Received Date : 2022-4-11

Redact Period : 2022-4-11 to 2022-4-13

Regulatory Requirements : As requested by the applicant, the Material Safety Data Sheet is prepared according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS)Rev_9.

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SECTION 1. Identification of the substance/preparation and company

- 1.1 Product Name** : UV GEL
- 1.2 Model No.** : /
- 1.3 Recommended Use** : For nail art
- 1.4 Applicant Name** : Shizhiyu (Guangzhou) Biotechnology Co., Ltd.
- 1.5 Applicant Address** : 1303 Longhui Building, Longkou East Road, Tianhe Park, Tianhe,
Guangzhou
- 1.6 Manufacturer Name** : Shizhiyu (Guangzhou) Biotechnology Co., Ltd.
- 1.7 Manufacturer Address** : 1303 Longhui Building, Longkou East Road, Tianhe Park, Tianhe,
Guangzhou
- 1.8 Manufacturer Tel / Fax** : 86-15918810284
- 1.9 Manufacturer Email** : 1400951445@qq.com
- 1.10 Emergency Phone** : /

SECTION 2. Hazards identifications

- 2.1 Hazard Classification of substance or mixture (GHS) :**
- Flammable liquids category 3
 - Skin corrosion/irritation category 2
 - Sensitisation, skin category 1
 - Serious eye damage/eye irritation category 2A
 - Specific target organ toxicity, single exposure; Respiratory tract irritation category 3
 - Specific target organ toxicity, single exposure; Narcotic effects category 3
 - Hazardous to the aquatic environment, long-term hazard category 4

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2.2 Pictograms:



2.3 Signal word:

Warning

2.4 Hazard description:

H226:Flammable liquid and vapour

H315:Causes skin irritation

H317:May cause an allergic skin reaction

H319:Causes serious eye irritation

H335:May cause respiratory irritation

H336:May cause drowsiness or dizziness

H413:May cause long lasting harmful effects to aquatic life

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.

P261:Avoid breathing dust/fume/gas/mist/vapours/spray.

P264+P265:Wash hands and face thoroughly after handling.Do not touch eyes.

P271:Use only outdoors or in a well-ventilated area.

P272:Contaminated work clothing should not be allowed out of the workplace.

P273:Avoid release to the environment.

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

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SECTION 3. Composition / information on ingredients

The difference between the single product and mixture: Mixture

Substance name	Conc. (%)	CAS.
Acrylates Copolymer	34.88	25035-69-2
Hydroxypropyl Methacrylate	20.00	868-77-9
Trimethylolpropane Triacrylate	18.88	15625-89-5
Isopropyl Alcohol	15.51	67-63-0
Dimethicone	3.60	9016-00-6
Bentonite	2.32	1302-78-9
Microcrystalline Wax	2.01	63231-60-7
CI 77266	0.62	1333-86-4
CI 77891	0.52	13463-67-7
CI 47000	0.40	8003-22-3
CI 77491	0.36	1309-37-1
CI 19140	0.34	1934-21-0
CI 77007	0.32	12769-96-9
CI 77499	0.24	12227-89-3

SECTION 4. First aid measures

General advice: Immediate medical attention is required. 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 consult a physician if feeling uncomfortable.

4.2 Following skin contact:

Wash skin with water and soap. Immediately consult a physician if feeling uncomfortable.

4.3 Following inhalation:

Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give cardiopulmonary resuscitation and consult a physician immediately.

4.4 Following ingestion:

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If it is ingested, rinse the mouth with water. Seek medical attention immediately.

SECTION 5. Firefighting measures

5.1 Special hazards arising from the substance or mixture:

It is flammable, and its vapor and air can form an explosive mixture, which can cause combustion and explosion in case of open fire and high heat energy.

Reacts violently in contact with oxidizing agents.

In the event of a fire, there is a risk of explosion of heated containers.

Vapor is heavier than air, spreads along the ground and is easy to accumulate in low-lying places.

5.2 Extinguishing Media:

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

5.3 Advice for firefighters:

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 monoxide, carbon dioxide.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes and skin.

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:

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

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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:

Closed operation with full ventilation.

Keep away from fire and heat sources, and smoking is strictly prohibited in the workplace.

Use explosion-proof ventilation systems and equipment.

Avoid sun exposure.

Prevent vapors from leaking into the workplace air.

Avoid contact with oxidants, acids, halogens.

When filling, the flow rate should be controlled, and there should be a grounding device to prevent the accumulation of static electricity.

When handling, it should be lightly loaded and unloaded to prevent damage to packaging and containers.

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

Empty containers may leave harmful substances.

7.2 Storage Notes:

Store in a cool, ventilated warehouse.

Keep away from fire and heat sources, and smoking is strictly prohibited in the workplace.

It should be stored separately from oxidants, acids, halogens, etc., and should not be mixed.

Use explosion-proof lighting and ventilation facilities.

Prohibit the use of mechanical equipment and tools that are prone to sparks.

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

Storage areas should be equipped with emergency release equipment and suitable containment materials.

Stored in compatible containers.

Keep storage containers sealed.

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Do not store with food containers or incompatible materials (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

No information found

8.2 Engineering Control:

Keep substances sealed during production and keep indoor 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 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	Thick liquid in various colors
Odour	Slightly odor
PH value	No Data
Flammability	Flammable liquid

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Flash point(°C,Closed cup)	No Data
Boiling point(°C)	No Data
Freezing point (°C)	No Data
Density(g/cm³)	No Data
Relative steam density (air = 1)	No Data
Vapor pressure(MPa)	No Data
Octanol/water partition coefficient	No Data
Viscosity (mPa/s)	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, halogens, 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.

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11.2 Skin corrosion/irritation:

Causes skin irritation

11.3 Serious eye damage/irritation:

Causes serious eye irritation

11.4 Respiratory or skin sensitisation:

May cause respiratory irritation

May cause an allergic skin reaction

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:

May cause drowsiness or dizziness

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, this product can't be poured into sewers or drainage ditches, 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.

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12.4 Mobility in soil:

No data available.

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.: 1993

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

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

IMDG,ICAO/IATA,ADR/RID 14.4 Technical name: FLAMMABLE LIQUID, N.O.S.



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

14.6 Attention Notes: Gentle with, prevent collision drag and dump. Prohibition with antioxidant and 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

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Classification and code of dangerous goods
Occupational Safety and Health Act (OSHA)
The principle of classification of transport packaging groups of dangerous goods
Globally Harmonized System of Classification and Labelling of Chemicals
In accordance with all local laws.

SECTION 16. Other information

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