

MATERIAL SAFETY DATA SHEET

Regulations for Hazardous Materials and Mixtures Prepared in accordance with the number of 29204 dated R.G 13.12.2014

Preparation Date: 15.03.2020

Editing Date: -

Form No: GBF1303202001

Revision No: 00

HAND CLEANING GEL

F;R10

2.2. Label Information

Hazardous Sign:

Hazardous Sign:



Warning Word : Attention

Hazardous Expressions

H226: Flammable Liquid

Precautions

P102: Keep away from reach of children.

P305 + P351 + P338: In contact with eyes: Wash it with water for few minutes. Take of your lenses. Keep wash it.

P301+313: In ingestion, inform your doctor.

P501: Ingredients/Boxes should be eliminated due to local/national/international regulations.

P210: Keep it away from flammable sources.– Do not Smoke.

2.3. Other Hazards

Product, doesn't contain any material classified as PBT or vPvB.

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3. INFORMATION ABOUT INGREDIENTS

3.1. Materials: -

3.2. Mixture

Name	CAS No EC No	%	Classification	
			n DSD	Classification CLP
Ethyl Alcohol	64-17-5 200-578-6	70	F; R11	Flame, liquid 2- H226

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AQUA	7732-18-5 231-791-2	15-20	Not Classification	Not Classification
ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	-	0,1-1	Not Classification	Not Classification
GLYCERIN	56-81-5	0,1-1	Not Classification	Not Classification
PARFUM	-	0,1-0,3	-	-
ALOE BARBADENSIS LEAF EXTRACT	85507-69-3	0,1-1	Not Classification	Not Classification
TOCOPHERYL ACETATE	7695-91-2	0,1-1	Not Classification	Not Classification

4. First Aid Precautions

4.1. Expressions of First Aid Precautions

In contact with eyes:

IN CONTACT WITH EYES: Wash it with water for few minutes. Take off your lenses. Keep washing. If irritation continues, get medical help.

In contact with skin:

IN CONTACT WITH SKIN: Wash it with soap and water. If there is a irritation on skin, get medical help.

In ingestion:

Gargle with water. Drink few glass of water or milk. Vomiting could be dangerous, so stop vomiting if patient feel uncomfortable. Get medical help.

In exhaling:

Risk of Exhaling is too small. Get medical help if there is any kind of problem.

If exposed person has allergy, take him/her out to fresh air, let patient rest a bit, keep patient warm.Keep respiratory ways open, loose tie or belt, wash nose and mouth with water.If symptoms getting heavier, get medical help.

4.2. Acute or Chronic Symptoms/Effects

No information found.

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5. PRECAUTIONS AGAINST FIRE

5.1. Fire Extinguishers

Dry chemicals, carbon dioxide, spray water or alcohol foam are used. In large fires, spray water fog or alcohol foam is used.

5.2. Special Hazards Due to Material or Mixtures

Could contain thermal decomposed or flammable materials: Very toxic or corrosive gases or vapor

5.3. Recommendations for Fire Extinguisher Teams

Full face mask or preventive glasses with full preventive clothes and mobile respiratory device.

6. PRECAUTIONS TO PREVENT SPREAD AFTER INCIDENT

6.1. Personal precautions and Emergency Procedures

Wear your protective clothes due to instruction at 8th section. Be aware of statical electricity discharge. Do not smoke. Do not use any kind of flammable material. Avoid from exhaling vapour and contact with skin or eyes.

Provide proper ventilation.

6.2. Environmental Precautions

Do not pour into canalization or water sources or soil.

6.3. Prevention and Cleaning Ways and Materials

Extinguish all the flame sources. Avoid timber, flame, heat and do not smoke. Ventilate the environment, use proper preventive device. Vermiculit, dry sand or adsorb through soil and put into boxes.

6.4. About Other Sections

Check 8th section for personal prevention. Check 12th section for ecological threats. Check 13th for elimination.

7. HANDLING AND STORAGE

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7.1. Precautions for Safe Handling

Precautions: Avoid contact of eyes or skin. Use preventive equipments, take off your dirty clothes and wash it afterwards.

Hygiene Precautions: Do not eat or drink while using, Wash your hands after use, take off your clothes while eating.

7.2. Conditions for Safe Storage

Keep products under cool and dry environment. Avoid heat and flame.

Keep it away from foods and drinks. Prevent from any kind of physical damage. Don't store it somewhere close to heat sources.

Keep it away from children. Prevent from direct sunlight.

7.3. Other Information

No other info

8. EXPOSURE CONTROLS AND PERSONAL PREVENTION

8.1. Control Parameters

Exposure Limits

ETHANOL: WEL 1000 ppm 1920 mg/m³

WEL : Limit

8.2. Exposure Controls

Preventive Equipments



Keep it away from food and drinks. Take off exposed clothes immediately. Wash your hands during breaks and after work. Avoid from contact with eyes and skin.

Hands Prevention: Wash it with water.

Eyes Prevention: Wash it with water for 15mins, Do not use lenses, use protective glasses.

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Use respiratory device if there is not proper ventilation.

Provide eye washing place.

Wear antistatic nonflammable protective clothes. Respiratory system prevention is necessary when aerosols appears.

Recommended Filtration: A Filter (Eligible for DIN 3181) All tests should be done for respiratory devices and their checks. These precautions should be documented.

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

9.1. Basic Information

Appearance	: Gel
Color	: Characteristic
Smell	: Characteristic
pH	: 7.0 - 8.0
Melting Point	: No info
Boiling Point	: 35 ° C <
Flash Point	: ° C 23 >
Flame/Explosiveness Limits	: No info
Evaporating Rate	: No info
Vapour Pressure	: No info
Density	: 800 - 1000 g/L
Resolution	: Partially
Partition coefficient	: No info
Water solubility (20-25 °C)	Soluble in water
Viscosity	: No info

9.2. Other Information

No other info.

10. STABILITY AND REACTIVITY

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10.1. Reactivity

There is no special reaction hazard with other substances under normal use. It is stable. Do not leave in direct sunlight. Protect from excessive heat and frost.

10.2. Chemical Stability

Stabile under normal circumstances and storage conditions.

10.3. Hazardous Reaction Probability

Reacts with hydrochloric acid. Keep away from acids and oxidizing agents.

10.4. To be avoided Situations

Keep away from open flame, high temperature and all sources of ignition.

10.5. To be avoided Materials

Hydrochloric acid.

10.6. Hazardous Decomposition Products

They can appear after flame.

11. TOXICOLOGIC INFORMATION

11.1. Information about toxicologic Effects

Acute

Didecyldimethylammonium chloride (CAS No: 7173-51-5)

LD50 Oral / Rat 238 mg/kg

Irritating

Could cause skin irritation.

Corrosive

Could cause eyes damage.

Sensibility

No classification criteria with existing data.

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Chronic

No classification criteria with existing data.

Carcinogenicity

No classification criteria with existing data.

Reproduction Toxicity

No classification criteria with existing data.

Single Exposure- Organ Toxicity

No classification criteria with existing data.

Multiple Exposure-Organ Toxicity

No classification criteria with existing data.

12. ECOLOGIC INFORMATION

12.1. Toxicity

This product doesn't expected to be hazardous to environment. Avoid to pour into water sources.

12.2. Degradability

No additional info.

12.3. Bioaccumulation Potential

No bioaccumulation

12.4. Soil Movements

Product can be solved into water and spread.

12.5. PBT ve vPvB Results

No additional info.

12.6. Other Effects

No additional info.

13. ELIMINATION INFORMATION

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13.1. Waste Processing Methods

Its available to recycle after completely finished and rinse with water. Can be gathered by local municipality, or sold to waste companies. Obey the rules of governmental regulations. Should be eliminated due to governmental regulations.

14. TRANSPORTATION INFORMATION

14.1. GENERAL

FLAMMABLE LIQUID, B.B.B

14.2. UN number

UN 1993

14.3. Proper UN Transportation Name

FLAMMABLE LIQUID, N.O.S.

14.4. Transportation Hazard Classification

Class 3, Flammable Liquids

14.5. Packing Group

II

14.6. Environmental Hazards

EMS: F-E, S-E

14.7. Transportation due to MARPOL 73/78 II ve IBC code

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Air transport (IATA)

14.8. GENERAL

FLAMMABLE LIQUID, B.B.B.

14.9. UN number

UN 1993

14.10. Proper UN Transportation Name

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FLAMMABLE LIQUID, B.B.B.

14.11. Transportation Hazard Classification

3

14.12. Packing Group

III

14.13. Environmental Hazards

EmS F-E S-D

14.14. Transportation due to MARPOL 73/78 II ve IBC code

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15. REGULATIONS INFORMATION

15.1. Safety, Health and Environmental Regulations for Material or Mixture

11 December 2013 dated, 28848 No, Regulations for Materials or Mixtures Classification, Labelling and Packing

T.C. Ministry of Environment and Urban Planning, 26 December 2008 dated, 27092 No, Regulations for Hazardous Materials and its products Classification, Labelling and Packing.

- x Council Directive 67/548/EEC, (DSD),
- x Regulation (EC) No 1272/2008 (CLP),
- x Commission Directive 2006/15/EC,
- x Commission Directive 2000/39/EC
- x Council Directive 91/689/EEC,
- x ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

16. OTHER INFORMATION

16.1. Literature and Sources

This GBF, prepared with the information gained from manufacturer company. Person who

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prepared this GBF is not responsible from any damage to manufacturer company due to misinformation or missing information.

Classification Conditions Due to regulation of 11 december 2013 dated and 28848 numbered.

Eyes Damage. 1- H319

Classification Conditions Due to regulation of 11 december 2013 dated and 28848 numbered

Flame. liquid 3- H226

Edited: [REDACTED] - Certified GBF Preparer

Certificate No and Date: GBF-1.1001

Preparation Date : 15.03.2020

All Risk Expression:

R 10:flammable liquid.

All Hazardous Experssion:

H226: Flammable liquid

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1. CHAPTER 1: Identity of Material/Mixture

1.1. Product Definition

Type of Product : Mixture
Name of Product : BIOFLEX HAND CLEANING GEL
GBF No : GBF21303202001

1.2. Product or Mixtures Indications/Contraindications

1.2.1. Indications

It is used for hand hygiene in daily life. It is an alcohol based hand disinfectant.

1.2.2. Contraindications

-

1.3. Information of Safety Data Sheet Owner

Manufacturer Co. [REDACTED]

Address [REDACTED]

Tel + [REDACTED]

E-mail

1.4. Instructor for Safety Data Sheet

-

1.5. Emergency Phone Number

Emergency Phone + [REDACTED]

Number Emergency Services : 112

2. Hazard Definition

2.1. Classification of Material/Mixture

Classification R.G. 29204;

Physical Hazards : Flame. liquid 3- H226

Health Hazards : -

Environmental Hazards : -

Classification T.C. 27092/(67/548/EEC) or (1999/45/EC)