



Saudi Mais co. for medical products

MATERIAL SAFETY DATA SHEET

1. Substance/preparation and company designation:

Dr. Disinfectant (Antiseptic Hand solution 61% Ethyl alcohol with CHG 1%)

Trade name : Saudi Mais co. for medical products
Address : P.O. Box: 3900 – Riyadh 14335 – 7599 – Saudi Arabia Tel. : +966 11
2650184 Fax : 2650139 3rd Industrial Area, Al-kharj Road, Street No. 256
October. 2019
Date of Issue :

2. Composition/information to ingredients:

Chemical name : Alcoholic mixture in gel form. (61% Ethyl alcohol with CHG 1%)
Product type : Antiseptic/Disinfectant
Application : Instant hand Sanitizer

Hazardous Ingredient	CAS No.	Content	Code Letter	Warning
Ethanol	64-17-5	60-65 % V/V	F	R11
Chlorohexidine Gluconate		1%		
GLYCERIN		1-5% W/W		
VITAMIN E		0.01-0.05		

3. Hazards identification:

When used according to instructions, the product applicable to this MSDS is safe and presents no immediate or long-term health hazards. However, abnormal entry routes such a gross ingestion may require immediate medical attention.

Potential Health Effects:

HMIS: Health 1 Flammability 3 Reactivity 0 Personal Protection None
Eye Contact: May cause eye irritation
Skin contact: No irritation or reaction expected
Inhalation: Not applicable
Exertion: May cause upset stomach, nausea (abnormal entry route)
Carcinogenicity: Not listed as a carcinogen by NTP, IARC, OSHA or ACXIH

4. First aid measures:

Eyes : Do not rub eyes. Flush eyes thoroughly with water for 15 min. If condition worsens or irritation persists, contact physician..
Skin Contact : Not Applicable
Inhalation : Not Applicable
Ingestion : DO NOT INDUCE VOMITING. Have conscious person drink Several glasses of water or milk. If vomiting occurs, lower the person's head below their knees to avoid aspiration. Consult a physician or Poison Control Center.



- 5. Fire-fighting measure:**
- : + 23°C/74°F
 - : Alcohol-type foam, carbon dioxide, dry chemicals
 - Flash point (DIN/TRxF) : Cool fire-exposed containers with water f.xg. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
 - Suitable extinguishing media : Product can release vapors that form flammable mixtures at temperatures at or above the flash point.
 - Special Fire Fighting Procedures
- Unusual Fire and Explosion Hazard :

- 6. Measures in case of accidental release:**
- : Avoid open fire and/or other sources of fire.
 - After spill/leak/gas blow-out, absorb onto inert material
 - Precautions for persons : and dispose in appropriate manner.
 - Protections for environmental care : Water cleanup and rinse. Caution: will cause slippery surface.
 - Methods for cleaning up :

7. Storage and handling:

- Personal precautions : Avoid contact with the eyes. Do not take internally. Keep away from fire or flame
- Storage and other precautions : Store at ambient indoor conditions. Keep containers sealed. Avoid freezing conditions.

8. Exposure controls and personal protection:

- : None required under normal use
- : None required under normal use
- Respiratory protection : None required under normal use.
- Eye protection : None required under normal use
- Protective gloves : None required under normal use
- Other protective equipment : Keep out of reach of children.
- Other precautions

9. Physical and chemical characteristics:

- : Clear Gel
- : Colorless
- Appearance : Alcoholic/Floral/Citrus
- Color : 6.0 – 7.x
- Smell : 176/80
- pH-factor (undiluted @ 25°C) : + 23°C
- Boiling point/range, °F/°C : 40
- Flash point (DIN/TRbF) : 0.885 – 0.890
- vapor pressure : Soluble
- Specific gravity, 20/20 : Soluble
- Solubility in water : Insoluble
- Solubility in ethanol : 7,000 – 19,000
- Solubility in hexane : -
- Viscosity @ 20°C, cps. : 1.6
- Refractive index, %Brix @ x5°C : > 1
- Vapor Density (Air = 1) : -
- Evaporation Rate (H²O x 1)
- conductivity, µS/mm @ 25°C



10. Stability and reactivity:

Conditions to avoid	:	Keep away from sources of fire, avoid warming up
Dangerous polymerization	:	Will not occur
Incompatibility	:	Strong oxidizers
Storage stability	:	Stable/Non-reactive product.

11. Toxicological information:

No acute toxic effects expected when used according to directions. No long term chronic effects.

12. Ecological information:

Not expected to cause adverse environmental effects. Not considered environmentally harmful from normal dilution, expected usage and typical drainage to sewers, septic systems and treatment plants.

13. Refuse disposal method:

Characteristic hazardous case-flammable liquid. Dispose according to the federal state or local regulations.

14. Information for transport:

Ux/NA No.	:	1993
Shipping Name (Air Shipments)	:	Flammable liquids, n.o.s. (Contains: Ethyl alcohol, Isopropyl alcohol)
Hazard Class	:	3
Packing group	:	II
Shipping Name (Ground Raix Shipments)	:	Consumer Commodity ORM-D

15. Regulations:

Label	:	Dr. Disinfectant
Ref. No.	:	HG-1200

16. Other data:

The above information is given to the best of our knowledge and belief. The data is partially taken from the literature (different sources). For further information contact:

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