



Material Safety Data Sheet

1. Substance/preparation and company designation

Trade name : Dr. Disinfectant (surface disinfectant spray with CHG)
Address : Saudi Mais co. for medical products
P.O. Box: 3900 – Riyadh 14335 – Saudi Arabia Tel. : +966
11 2650184 Fax : 2650139 3rd Industrial Area, Al-kharj Road,
Street No. 256
Date of issue : OCT. 2019

2. Composition/information to ingredients

Product type : Disinfectant
Application : Surface disinfectant for medical products and general inventory
stock of practice.

Dangerous substances contained:	Content	Code Letter	Warning
Ethanol	50 - 75 %	F	R 11
Chlorohexidine gluconate	1 - 5 %	C	R22, R34

3. Possible dangers

R10 inflammatory
If used as directed there is no particular danger

4. First aid measures

Eyes : Immediately rinse with copious amount of water for some
minutes, then consult a physician.
Inhalation : If handled carefully and used as directed there is no danger. In
other cases consult a physician.
Skin : Immediately wash off with soap under running cold water.
Ingestion : Rinse mouth and drink copious amount of water afterwards.
Consult a physician.

5. Fire-fighting measures

The closed container can develop overpressure with higher temperature. For this reason, in order to
protect persons and for cooling of containers in critical situations sprinkle with water. Stop the leak of
inflammable liquids.

Suitable extinguishing means : Water, foam, CO₂, dry chemicals
Unsuitable extinguishing means : -



6. Measures in case of accidental release

Precautions for persons	:	Avoid open fire and/or other sources of fire.
Protections for environmental care	:	After spill/leak/gas blow-out cover with inorganic binding agents. Disposal like under point 13.
Methods for cleaning up	:	Take up with binding agents and take to approved refuse containers

7. Storage and handling

Storage	:	The product should be stored at a dry and cool place, if possible in full airtight containers.
Work hygiene, handling	:	Well aired and cool rooms, in approved containers (e.g. varnished inside or made of high grade steel).

8. Exposure controls and personal protection

Breath protection	:	If handled with care not necessary
Eye protection	:	Safety goggles
Hand protection	:	Chemically resistant protective gloves are recommended.
Body protection	:	Usual protection suit
Ventilation	:	Well aired, cool rooms

9. Physical and chemical characteristics

Appearance	:	Clear liquid
Colour	:	Faint yellow
Smell	:	Alcoholic
pH-factor @ 25°C	:	7.0 – 8.0
Boiling point/range	:	-
Melting point/range	:	-
Flash point (DIN/TRbF)	:	+ 23°C
Danger classification	:	A II
Inflammability	:	-
Self-inflammability	:	> 400°C
Explosive properties	:	2 – 20 vol %
Oxidizing properties	:	-
Vapor pressure	:	< 100 mbar
Specific gravity, 20/20	:	0.890 – 0.900
Bulk density	:	-
Solubility in water	:	Soluble
Solubility in ethanol	:	Soluble
Solubility in hexane	:	Insoluble
Partition coefficient	:	(n-octanol/water)
Viscosity, 20°C	:	3.3 mPa. s = cP ± 5%
Refractive index, %Brix @ 25°C	:	22.0 - 23.0
Optical rotation αD	:	-
Conductivity, μS/cm @ 25°C	:	210 - 260



10. Stability and reactivity

Thermic decomposition	:	Keep away from sources of fire, avoid warming up
Dangerous decomposition products	:	-
Dangerous polymerization	:	-
Dangerous reactions	:	-
Storage stability	:	-

11. Toxicological information

LD 50, oral, rat	:	>5,000 mg/Kg.
Further information	:	-
LD 50, dermal, rabbit	:	-

12. Ecological information

Biodegradability	:	-
Precautions	:	Prevent contamination of air and ground and also of ground – and surface water.

13. Refuse disposal method

According to the federal state or local regulations.

14. Regulations

Label	:	Dr.Disinfectant (surface disinfectant spray with CHG)
Ref. No.	:	MD-2160

15. 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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