



EC Material Safety Data Sheet

1. Substance/preparation and company designation

Trade name : **Dr. Disinfectant for (CLEANING AND DISINFECTING HARD ENVIRONMENTAL SURFACES.)**

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

Date of issue : Nov 2019

2. Composition/information to ingredients

Chemical name : Quaternary ammonium compounds, soda, nonionic tensides dissolved in water.

Product type : Cleaning agent (concentrate)

Application : Ready to use for the cleaning and disinfecting of hard environmental surface application

Dangerous substances contained:	Content	Code Letter	Warning
Quaternary ammonium compounds	1 – 5 %	C	R-22, R34
Detergent	1 – 2 %		

3. Possible dangers

If used as directed there is no particular danger

4. First aid measures

Eyes : Immediately rinse with plenty 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 drink plenty of water, 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 : 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 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	:	The use of chemically resistant protective gloves is recommended
Ventilation	:	Well aired, cool rooms

9. Physical and chemical characteristics

Appearance	:	Clear liquid
Colour	:	Yellow green
Smell	:	Characteristic
pH-factor @ 25°C	:	12.0 – 13.0
Boiling point/range	:	ca. 100°C
Melting point/range	:	-
Flash point (DIN/TRbF)	:	60°C Pensky-Martens c.c.
Danger classification	:	-
Inflammability	:	-
Self-inflammability	:	-
Explosive properties	:	-
Oxidizing properties	:	-
Vapor pressure	:	-
Specific gravity, 20/20	:	1.010 – 1.020
Bulk density	:	-
Solubility in water	:	Easily soluble
Solubility in ethanol	:	Soluble
Solubility in hexane	:	-
Partition coefficient	:	-
Viscosity	:	-
Refractive index, %Brix @ 25°C	:	15.0 – 17.0
Optical rotation α_D	:	-
Conductivity, $\mu\text{S}/\text{cm}$ @ 25°C	:	-



10. Stability and reactivity

Thermic decomposition	:	No decomposition if stored and handled as directed
Dangerous decomposition products	:	-
Dangerous polymerization	:	-
Dangerous reactions	:	-
Storage stability	:	-

11. Toxicological information

LD 50, oral, rat	:	4,000 – 5,000 mg/kg
Further information	:	Skin irritation: virtually not irritating
LD 50, dermal, rabbit	:	-

12. Ecological information

Biodegradability	:	Dr. Disinfectant for Floor and hard surface solutions are ecologically harmless as all bactericidal agents are biodegradable according to mod. OECD-screening test.
Precautions	:	

13. Refuse disposal method

According to the federal state or local regulations.

14. Information for transport

Not subject to the transport regulations.

15. Regulations

Label	:	Dr. Disinfectant
Ref. No.	:	MD-2150

16. Other data

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

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