



Material Safety Data Sheet

1. Substance/preparation and company designation

Trade name : Dr.Disinfectant (Daily Dental Aspiration System Disinfectants)
Address : Saudi Mais co. for medical products
P.O. Box: 3900 – Riyadh 14335 – 7599 – Saudi Arabia Tel. : +966
112650184 Fax : 2650139 3rd Industrial Area, Al-kharj Road,
Street No. 256
Date of issue : Nov 2019

2. Composition/information to ingredients

Chemical characterization : Solution of cationic, nonionic and amphoteric surfactants,
, solving agent, auxiliaries,
Product type : Disinfectant
Application : Cleaning of dental suction systems.

Dangerous substances contained:	Content	Code Letter	Warning
Diocetyl dimethyl ammonium chloride	1-10 %	C	R 34
cationic, nonionic and amphoteric surfactants	2-5 %		

3. Possible dangers

If used as directed there is no particular danger
Concentrate irritates eyes and skin

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 and 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 : -
Further indications : Product itself does not burn.



6. Measures in case of accidental release

Precautions for persons	:	Wear safety goggles.
Protections for environmental care	:	Do not make product reach the sewage system or waters undiluted.
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.
Body protection	:	Usual protection suit
Ventilation	:	Well aired, cool rooms

9. Physical and chemical characteristics

Appearance	:	Clear liquid
Colour	:	Light bluish green
Smell	:	Characteristic
pH-factor @ 25°C	:	11.5 – 12.5
Boiling point/range	:	-
Melting point/range	:	-
Flash point (DIN/TRbF)	:	-
Danger classification	:	-
Inflammability	:	-
Self-inflammability	:	Not flammable
Explosive properties	:	-
Oxidizing properties	:	-
Vapor pressure	:	-
Specific gravity, 20/20	:	1.000 – 1.010
Bulk density	:	-
Solubility in water	:	Soluble
Solubility in ethanol	:	Soluble
Solubility in hexane	:	
Partition coefficient	:	(n-octanol/water)
Viscosity	:	
Refractive index, %Brix @ 25°C	:	3.5 – 4.5
Optical rotation α_D	:	-
Conductivity, $\mu\text{S}/\text{cm}$ @ 25°C	:	-



10. Stability and reactivity

Thermic decomposition	:	-
Dangerous decomposition products	:	-
Dangerous polymerization	:	-
Dangerous reactions	:	-
Storage stability	:	-

11. Toxicological information

LD 50, oral, rat	:	-
Further information	:	-
LD 50, dermal, rabbit	:	-
Sensitizing	:	No sensitizing effect known.

12. Ecological information

Biodegradability	:	If dumped into a biological sewage plant properly no disturbances in the biodegradability must be expected.
Precautions	:	-

13. Refuse disposal method

Uncleaned packing: according to the legal federal state or local regulations.
Refuse key: 59402 Description: surfactant

14. Information for transport

UN-No.	:	-
GGV See/IMDG-Code	:	-
ICAO/IATA-DGR	:	-
GGVE/GGVS	:	-
RID/ADR	:	-
ADNR	:	-

15. Regulations

Label	:	Dr.Disinfectant (Daily Dental Aspiration System Disinfectants)
Ref. NO.	:	MD-2110A

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

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