

Material Safety Data Sheet Dr. Disinfectant (Concentrated Alkaline Detergent)

1. Substance/preparation and company designation

Trade name : Dr. Disinfectant (Concentrated Alkaline Detergent)
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

Product type : Alkaline Detergent
Application : Alkaline concentrated formula for cleaning of medical instruments

Dangerous substances contained:	Content
Sodium Hydroxide	1 – 10%
Surfactant	1.0 – 10 %
others	2-5 %

3. Possible dangers

EMERGENCY OVERVIEW

GHS classification

Product AS SOLD

Respiratory sensitization : Category 1

Product AT USE DILUTIOx

Not a hazardous substance or mixture.

GHS Label element

Product AS SOLD

Hazard pictograms.



Signal Word : Danger

Hazard Statements : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements : **Prevention:**
 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. In case of inadequate ventilation wear respiratory protection.
Response:
 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.
Disposal:
 Dispose of contents/ container to an approved waste disposal plant.

Product AT USE DILUTION

Precautionary Statements : **Prevention:**
 Wash hands thoroughly after handling.
Response:
 Get medical advice/ attention if you feel unwell.
Storage:
 Store in accordance with local regulations.



Product AS SOLD

Other hazards : Do not mix with bleach or other chlorinated products – will cause chlorine gas.

4. First aid measures

Product AS SOLD

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

Contact the Poison's Information Centre

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention.

Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician : Treat symptomatically.

Most important symptoms and effect both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Product AT USE DILUTION

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

Contact the poison's Information Centre (ex Australia 13 1126; New Zealand 0800 764 766).

If inhaled : Get medical attention if symptoms occur.

5. Fire-fighting measures

Product AS SOLD

Suitable extinguishing media : Use extinguishing measures that are appropriate to local concentrations and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Hayardox combustion products : Decomposition products may include the following materials:
carbon oxides
nitrogen oxides (NOx)

special protection equipment for firefighters : In case of fire, wear a full festive-pressure self contained breathing apparatus and protective suit.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.



Product AS SOLD

Personal precautions, protective equipment and emergency procedures

: Ensure clean-up is conducted by examined personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

: Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 3). For large spills, dike piled material or otherwise contain material to ensure runoff does not reach a waterway.

6. Measures in case of accidental release

Flush small amounts to the drain. Contain and collect large amounts and dispose as permitted by all federal, provincial, state, and local regulatory authorities.

7. Storage and handling

Store in a cool, dry area. Keep from freezing.

Keep container closed when not in use.

Keep out of reach of children.

8. Exposure controls and personal protection

Eye Protection: Wear safety glasses or goggles.

Skin Protection: Use rubber gloves. Wash well after handling

Respiratory Protection: No special requirements are needed for this material

9. Physical and chemical characteristics :

Appearance	: liquid
Colour	: clear,
Odour	: odourless
pH	: 12.5 solution 1% : 11.2
flash point	: Not applicable.,
Odour Thrxshold	: no data available
melting point ,freezing point	: no data available
Initial boiling point and boiling range	: 100 °C
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
vpper explosion limit	: no data available
Lower explosion limit	: no data available
vapour pressure	: no data available
density	: 1.117 g/ml
Water solubility	: soluble



solubility in other solvents : no data available
Partition coefficient: n- octanol/water : no data available
Auto-ignition temperature : no data available
Thermal decomposition : no data available
Viscosity, : no data available
Explosive properties : no data available
Oxidizing properties : no data available
Molecular weight : no data available
VOC : no data available

10. Stability and reactivity

Stability : Stable under normal conditions of handling
Hazardous Polymerization : Will not occur
conditions to avoid : Strong oxidizers, excessive heat

11. Toxicological information

No data

12. Ecological information

No data

13. Refuse disposal method

Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control regulations

14. Information for transport

U.S. Department of Transportation

Not dangerous goods.

U.S Hazmat and/or International DG shipment exceptions

Not dangerous Goods.

Reportable Quantity Description:

Not dangerous goods.

International Air Transport Association (IATA):

Not dangerous goods.

International Maritime Organization (IMO):

Not dangerous goods.

15. Regulations

Label : Dr. Disinfectant (Concentrated Alkaline Detergent)
Classification. : This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
Ref. No. : MD-2120

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

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