

EC Safety Data Sheet

According to 91/155/EWG

1. Substance/preparation and company designation

Trade name:

UniCid forte plus

Address

UNION Natural Sterilization (UNS)

Head Office: Maadi – Mierag city – Cairo.

1, 5rd floor.

Tel: +201120123180 – WhatsApp: +1(902)200-5544

Factory. 3rd Industrial Area, Autostrad Road.

Egypt

Email: info@uns-eg.com

Date of issue:

01 Jan.2023

2. Composition/information to ingredients

Chemical name: Mixture of substances: BKC, three enzymes, solvent dissolved in water.

Product type: Enzymatic Disinfectant and Detergent EN 13727.

Application: Concentrate for cleaning and disinfection of medical and Dental instruments.

Dangerous substances contained:	Content	Code letter	Warning
Benzalkonium chloride(BKC)	0.1-0.5%	C	R22, R35
Enzymes: Protease (for proteins), Lipase (for fats), Amylase (for starches).	2-5%	C	R22, R34
Benzotriazole	0.5-1%	C	R34
Non-Foaming Agent	0.01% – 1%		

3. Possible dangers

In case of ingestion injurious to health

Causes corrosions

Irritates eyes and skin

If used as directed there is no particular danger

4. First aid measures

Eyes ..	Immediately rinse with plenty of water with opened palpebral fissure 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 afterwards. Consult a physician.

5. Fire-fighting measures

Suitable extinguishing means ..	Foam, C02, dry chemicals, water
Unsuitable extinguishing means ..	-
Further indications ..	Product itself does not burn.

6. Measures in case of accidental release

Pay attention ..	Spilled product can make floors slippery.
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 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. Do not mix with other products.

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

9. Physical and chemical characteristics

Appearance:	Clear liquid
Colour	Light Yellow
Smell	Characteristic
pH-mctor @25°C	7-8
Boiling point/range	-
Melting point/range	-
Flash point (DINITRbF)	-
Danger classification	-
Inflammability	-
Self-inflammability	-
Explosive properties	Oxidizing
properties	-
Vapor pressure	-
Specific gravity, 20/20	0.980 - 1.010
Bulk density	Mixable
Solubility in water	Mixable
Solubility in ethanol	-
Solubility in hexane	-
Partition coefficient	-
Viscosity	(n-octanol/water)
Refractive index, %Brix @25°C	9.0 - 10.0
Optical rotation al	-
Conductivity, gS/cm @25°C	3,900 - 4,800

10. Stability and reactivity

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

11. Toxicological information

LD 50, oral, rat:	
Further information :LD 50, dermal, rabbit :Sensitizing*	15,000 - 20,000 mg/kg Danger of eye injuries. Corrosive

12. Ecological information

Biodegradability:

Precautions:

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

Prevent contamination of air and ground and also of ground and surface water.

LC50 (Zebrafärbeling, 96 hours): 2 mg/L

13. Refuse disposal method

According to the federal state or local regulations. Disposal key no.: 53507

14. Information for transport

No dangerous good defined by the transport regulations.

15. Regulations

Label: UniCid forte Plus
Danger symbol: Xi
Danger description: Irritating
Danger clauses:
R 36/38 11 Irritates eyes and skin
S2 Keep out of reach of children
S26 In case of contact with eyes rinse thoroughly with water and consult physician.
S28.2 In case of contact with skin, immediately wash off with water and soap.

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 contact:

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