


Virocid- RTU Product

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		Revised edition no : 3
		Date : 16 / 2 / 2010
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VIROCID RTU		4

Producer

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade name : VIROCID RTU
Use : See product bulletin for detailed information.
Company identification : See distributor.
Identification of the product : Liquid.

2. HAZARDS IDENTIFICATION

Symptoms relating to use

- **Inhalation** : None.
- **Skin contact** : This product is not hazardous.
- **Eye contact** : May cause eye irritation.
- **Ingestion** : Ingestion unlikely.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance name	Contents	CAS No	EC No	Index No	Classification
Alkyldimethylbenzylammoniumchloride	0.85 g/l	68424-85-1	270-325-2	-----	Xn; R22 C; R34 N; R50 (M fact. = 10)
Isopropanol	0.73 g/l	67-63-0	200-661-7	603-117-00-0	F; R11 R67 Xi; R36
Glutaraldehyde	0.54 g/l	111-30-8	203-856-5	605-022-00-X	T; R23/25 C; R34 R42/43 N; R50
Didecyldimethylammonium chloride	0.39 g/l	7173-51-5	230-525-2	612-131-00-6	Xn; R22 C; R34

4. FIRST AID MEASURES

First aid

- **Inhalation** : Not expected to require first aid measures.
- **Skin contact** : Not expected to require first aid measures.
- **Eye contact** : Rinse immediately with water.
- **Ingestion** : Rinse mouth. Spit.

5. FIRE-FIGHTING MEASURES


Flammable class : Not combustible.
Prevention : No smoking.
Extinguishing media : All extinguishing media can be used.
Special procedures : Exercise caution when fighting any chemical fire.

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6. ACCIDENTAL RELEASE MEASURES

After spillage and/or leakage : Spill area may be slippery. Dyke for recovery or absorb with appropriate material. Dilute residues and flush.

7. HANDLING AND STORAGE

Storage : Protect from low temperatures. Keep at temperature not exceeding 30°C Keep container closed when not in use.

Handling : Handle in accordance with good industrial hygiene and safety procedures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection

- Respiratory protection : Not required.
- Hand protection : Not required.
- Skin protection : Not required.
- Eye protection : Not required.
- Ingestion : When using, do not eat, drink or smoke.

Occupational Exposure Limits : Isopropanol : TLV© -TWA [mg/m³] : 983
Isopropanol : TLV© -TWA [ppm] : 400
Glutaraldehyde : TLV© -TWA [ppm] : 0.2
Glutaraldehyde : TLV© -TWA [mg/m³] : 20

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid.
Colour : Colourless.
Odour : Characteristic.
pH value : neutral
Freezing point [°C] : 0°C
Initial boiling point : 100
Density : ca. 1.00 kg/l
Viscosity : Not applicable.
Solubility in water : Complete.
Flash point [°C] : > 100
Auto-ignition temperature [°C] : Not applicable.

10. STABILITY AND REACTIVITY

Hazardous decomposition products : None under normal conditions.
Hazardous properties : None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity


- Dermal : Not toxic.
- Ocular : Avoid contact with eyes.

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11. TOXICOLOGICAL INFORMATION (continued)

- Ingestion : Not toxic.
- Rat oral LD50 [mg/kg] : No data available.
- Rabbit dermal LD50 [mg/kg] : No data available.
- Rat inhalation LC50 [mg/l/4h] : No data available.

12. ECOLOGICAL INFORMATION

- Ecological effects information : No data available.
- LC50-96 Hour - fish [mg/l] : No data available.
- 48 Hour-EC50 - Daphnia magna [mg/l] : No data available.
- IC50 72h Algae [mg/l] : No data available.
- COD-value [mg/l] : No data available.
- BOD5-value [mg/l] : No data available.
- On ingredients : Biodegradable.

13. DISPOSAL CONSIDERATIONS

- Disposal : Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

- General information : Not regulated.

15. REGULATORY INFORMATION

- Symbol(s) : None.
- R Phrase(s) : None.
- S Phrase(s) : S56 : Dispose of this material and its container to hazardous or special waste collection point.

16. OTHER INFORMATION

- Further information : None.
- List of relevant symbols (heading 3) : C: Corrosive.
Highly flammable.
N: Dangerous for the environment.
Toxic.
Irritant.
- List of relevant R phrases (heading 3) : R11 : Highly flammable.
R22 : Harmful if swallowed.
R23/25 : Toxic by inhalation and if swallowed.
R34 : Causes burns.
R36 : Irritating to eyes.
R42/43 : May cause sensitization by inhalation and skin contact.
R50 : Very toxic to aquatic organisms.
R67 : Vapours may cause drowsiness and dizziness.


The contents and format of this SDS are in accordance with EEC Commission "REACH" Regulation, EC 1907/2006

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