

SECURITY DATA SHEET

Disinfectant Red Solution

Revision: n°7

Issued: 06/06/2012

1907/2006/CE – ISO 110014-1

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

Product Name: Disinfectant Red Solution

Application(s) and / or normal use(s): Disinfectant
Professional use

Product code number: 09032601

Company Name: CLEANEA
15 rue Sa ulnier
92800 Puteaux
France
Tél: +33 (0) 1 47 75 02 38
E-mail: contact@cleanea.com

2. HAZARDS IDENTIFICATION

Main hazards: Acid product

Spe cific risk(s): Possible irritation (sensitive skin)

3. COMPOSITION / INFORMATIONS ON INGREDIENTS

Hazardous ingre dients:

Hydrochloric acid: 0 < C (%) < 0,03
N°CAS: 7647-01-0 N°EINECS: 231-595-7 N°ID: 017-002-00-2
T, C, R23-35

Chlorine: 0 < C (%) < 0,01
N°CAS: 7782-50-5 N°EINECS: 231-959-5 N°ID: 017-001-00-7
T, N, R23-36/37/38-50

Hypochlorous acid: 0 < C (%) < 0,04
N°CAS: 7790-92-3 N°EINECS: 232-232-5
C, R31-34

Harmful components: None accordingly to Europeans directives.

4. FIRST AID MESURES (ACTION)

General advices: In case of accident, call immediately a physician (show the label where possible).
Never take something by mouth to an unconscious person.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

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Ingestion:

Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Carbon dioxide (CO₂).

Specific risk:

Do not use water

Exposure hazards:

In combustion emits toxic fumes.

Protection of fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Refer to section 8 of SDS for personal protection details.

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bundling.

Clean-up procedures:

Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements:

Ensure there is sufficient ventilation of the area.
Do not smoke while use. Do not inhale fumes.

Technical precautions:

Do not mix with a very basic product. Risk of spatter.
Do not mix with a very acidic product. Risk forming a toxic gas.

Storage conditions :

Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:

Ensure there is sufficient ventilation of the area.

Limit exposure:

Hydrochloric acid
N°CAS : 7647-01-0 N°EINECS : 231-555-7 N°ID : 017-002-00-2
ELV : 10 ppm (15 mg/m³)
Chlorine
N°CAS : 7782-50-5 N°EINECS : 231-959-5 N°ID : 017-001-00-7
ELV : 0,5 ppm (1,5 mg/m³)

Personal protection

- Respiratory protection:

Do not inhale fumes.
No protection equipment is required in normal conditions.

- Hand protection:

No required but gloves are advised.

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- Skin protection:	No specific equipment required.
- Eye protection:	No required in normal conditions.
Exposition control link to environmental protection:	Evacuate rinsing water like waste water.
Hygiene measure(s):	Washing hand immediately after using solution.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:	Liquid
- Color:	Colorless
- Odor:	Quite smell of chlorine
- pH:	5,0 – 6,0
- Relative density (water = 1):	1 ± 0,1
- Viscosity (water = 1 mPa.s):	1 ± 0,1 mPa.s
- Solubility in water:	Soluble.
- Liposolubility:	No demonstrated.
- Solubility in solvents:	Soluble in the most of organic solvents.

10. STABILITY AND REACTIVITY

Stability:	Unstable product, renew every month.
Condition(s) to avoid:	Avoid temperatures higher than 40 °C (104°F). Protect from air, frost and light.
Material(s) to avoid:	Do not mix with highly basic products.
Potentials hazard decomposition products:	Chlorine, chlorine oxide, chloramine.

11. TOXICOLOGICAL INFORMATIONS

General information :	Toxicological effects are based on conventional calculation method.
Acute toxicity :	No dangerous because of the weak concentration in active principles.
- Inhalation:	No dangerous.
- Skin contact:	No dangerous.
- Eye contact:	No dangerous.
- Ingestion:	No dangerous.
Sensitization:	No demonstrated.

12. ECOLOGICAL INFORMATIONS

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General information:	No data available about product himself.
Environmental effect:	No predictable effects in normal using conditions.
- Aquatic toxicity:	No demonstrated.
Various environmental effects	
- Photochemical ozone formation potential:	No demonstrated.
- Global warming potential:	No demonstrated.

13. DISPOSAL CONSIDERATIONS

NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
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14. TRANSPORT INFORMATION

General information:	Not classified for transport.
N° UN:	Non applicable.

15. REGULATORY INFORMATIONS

Labeling:	Product is exempt of any labeling in accordance with European directives about classification, packaging and labeling of dangerous products.
N° CE:	Non applicable.
Hazard symbol(s):	None accordingly to European directives.
Risk phrases:	None accordingly to European directives.
Safety phrases:	2 : Keep out of the reach of children. 26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Following legislation:	Information in this security data sheet is following European directives. Information in this security data sheet is based on current knowledge and our experience.
Risk phrases used in section n°2:	About risks link to active principles but not concerning final product because of the weak concentration in active principles in final product. R23: Toxic by inhalation R31: Contact with acids liberates toxic gas R35: Causes severe burns R36/37/38: Irritating to eyes, respiratory system and skin R50: Very toxic to aquatic organisms

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Legal disclaimer:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. Information in this data sheet is about product mentioned in section n°1. This sheet is delivering in supposing a good using of this product.
Application(s) and / or normal use(s):	Disinfectant Professional use
Restrictions:	Product must not be used for other using than these previously specified without writing instructions.
Recommendation(s):	It is advice to pass information of this data sheet, if necessary in a appropriate form, to users.
- First edition:	03/26/2009
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