

SAFETY DATA SHEET

According to Regulation (EC) n°1907/2006

Sterilising fluid – MILTON®

Revision date : 2008/12/09

1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name : STERILISING FLUID – MILTON®

Use : disinfection of ustensils and surfaces

Company :

Corporate name : Laboratoire RIVADIS

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Poland : +48 81 740 2675

Czech republic : +42 2 2491 9293

2 – HAZARDS IDENTIFICATION

Classification :

⇒ *This product is not classified as dangerous according to directive 1999/45/EC.*

Human health & environmental specific risks :

The pure preparation can be irritating to the eyes and skin.

Do not entail any danger of fire or explosion. Not considered particularly dangerous under normal conditions of use.

If use together with acids, may release dangerous gases (chlorine)

3 - COMPOSITION / INFORMATION ON INGREDIENTS

Full texts of R phrases listed bellow : refer to heading 16.

General chemical description : aqueous sterilising solution.

Hazardous representative ingredients :

| Name | CAS | CE | Symb. | R phrases | % w/w |
|------|-----|----|-------|-----------|-------|
| - | - | - | - | - | - |

Other substances presenting hazard :

| Name | CAS | CE | Symb. | R phrases | % w/w |
|---------------------|-----------|-----------|-------|------------|-------|
| Sodium Hypochlorite | 7681-52-9 | 231-668-3 | C, N | 31, 34, 50 | < 5% |

4 – FIRST AID MEASURES

As a general rule, if in doubt or if symptoms persist, seek medical attention. NEVER give anything to ingest to an unconscious person.

Inhalation : not specifically concerned (aqueous solution). However, in case of irritation or massive inhalation, rinse the mouth and throat of the patient with water, and take him to the outdoors.



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Eye contact : rinse immediately with plenty of water, keeping the eyelids held open for at least 15 minutes. Seek medical attention.

Skin contact : in case of irritation wash immediately with plenty of water for at least 15 minutes.

Ingestion : immediately seek medical attention, and show him the label. When the patient is conscious, rinse mouth with water. **Do not give drink, do not induce vomiting.**

5 - FIRE-FIGHTING MEASURE

Suitable extinguishing media : carbon dioxide, dry chemical powders, water spray.

Extinguishing media which shall not to be used for safety reasons : *none*

Special exposure hazards arising from the preparation itself : -

Special protective equipment for fire-fighters : wear appropriate fire protective equipment.

6 - ACCIDENTAL RELEASE MEASURE

Personal precautions :

In the event of a spill, mark the zone (danger of slippery ground).

Respect the protective measures set out in heading 8.

Environmental precautions :

Do not discharge into sewers or in the natural environment.

Methods for cleaning up :

Collect the maximum product with inert material (sand, absorbent product), and keep it in a closed and labelled container , for a later elimination by an approved organism.

Clean with water.

Additional advice : for disposal, see heading 13.

7 - HANDLING AND STORAGE

Handling :

Do not mix with anything except water, avoid contact with acids.

Storage :

Keep sealed until use. Store containers at room temperature, away from heat and sunlight to maintain product quality, and in a well-ventilated area. Do not store with acids.

Advised packaging materials : polyethylene.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values :

- Sodium hypochlorite : *none*

Exposure controls :

Use personal protective equipment according to amended directive 89/686/EEC.

- **Respiratory protection** :

none

- **Hand protection** :

In case of prolonged or repeated contact, the use of gloves may be appropriate. After each use, Completely wash and dry yours hands.

- **Eye and face protection** :

Use of safety glasses advisable, for any manipulation of the pure product.

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- Skin protection :*none**For more details, see heading 11 of the SDS.***Environmental exposure controls :***none***9 - PHYSICAL AND CHEMICAL PROPERTIES****General information :**

- **Appearance** : clear liquid
- **Odour** : characteristic
- **Colour** : color-free

Important health, safety and environmental information :

- **pH at 20 ° C (pure product)**: # 11
- **Boiling point/range** : *not available*
- **Flash point** : *not applicable*
- **Flammability** : *not applicable*
- **Explosive properties** : *not applicable*
- **Oxidising properties** : *not applicable*
- **Density at 20°C** : # 1.14 g/ml
- **Solubility** : water-miscible in any proportion
- **Viscosity** : *not available*

10 – STABILITY AND REACTIVITY

Stable at room temperature and in the normal conditions of use.

Conditions to avoid : contact with acids causes the release of chlorine (poison gas)**Materials to avoid** : acids**Hazardous decomposition products** : *not available***11 – TOXICOLOGICAL INFORMATION****Acute oral toxicity** : $DL_{50} > 2\text{g/kg}$ **Skin irritation** : the pure product can be minor irritant to the skin (transient superficial irritations)**Eye irritation** : the pure product can be minor irritant to the eye (transient superficial irritations)**Sensitisation** : *not available***Cytotoxicity** : *not available***Other data** : *none***12 – ECOLOGICAL INFORMATION**

No ecotoxicological data available yet for the product.

13 – DISPOSAL CONSIDERATIONS**Waste :**

The destruction is carried out according to the legislation in force



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Soiled packagings :

The destruction is carried out according to the legislation in force

14 – TRANSPORT INFORMATION

Transport the product in accordance with ARD (road), RID (rail), IMDG (sea), and ICAO/IATA (air).

ADR : *not regulated*

RID : *not available*

IMDG : *not available*

ICAO/IATA : *not available*

Other usefull information : protect from freezing.

15 – REGULATIRY INFORMATION

The classification of this preparation was done in accordance with EU directives in force, which define the criteria for classification and the conditions for labelling and packaging of dangerous preparations.

Classification :

not applicable

Risks attributed to the preparation and warnings :

- R phrase(s) : *not applicable*
- S phrase(s) :

- S2 Keep out of the reach of children.
 - S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 - S46 If swallowed, seek medical advice immediately and show this container or label.
- Do not use in combination with other products as toxic gaz may be released (chlorine).
- Store away from heat.

Specific provisions :

All other national or local regulations, if they are relevant to this type of product, its use, its transport or its destruction, should be observed.



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16 – OTHER INFORMATION

This sheet complete the specification sheets to use, but does not replace them, and does not assure the properties of the product. The information is given in good faith, based on the state of our knowledge about the product concerned on the indicated date .

Users' attention is also drawn on the possibly incurred risks, when a product is used for other purposes than those for which it was designed. The information only concerns the above-mentioned product, and unless otherwise indicated specific, may not be applicable in case of mix of this product with other substances.

This sheet does not dispense user to know and implement all texts regulating its activity. It remains the user's own responsibility to take the precautions related to the use made of the product.

All mentioned regulatory requirements are intended to help the recipient to fulfill its obligations when using the dangerous product.

This list should not be considered as exhaustive, and does not relieve the recipient to ensure, that possibly other obligations incumbent on him.

Texts of the R phrases mentioned on heading 3 :

- R31 Contact with acids liberates toxic gas.
- R34 Causes burns.
- R50 Very toxic to aquatic organisms.

Nature changes :

Update of the product name.