

MATERIAL SAFETY DATA SHEET (MSDS)

1. Identification of product and company

1.1 Identification of the product

Code: CORE-SCRUB P
Description: Scrub brush with Povidone Iodine solution

1.2 Intended use

Description: brush for the antiseptic handwash for topical use for health personnel assigned to operating rooms

1.3 Information on supplier of the current MSDS

Company name: COREMEC S.R.L.
Address: C.so Vittime del Lavoro, 9 – 10042 Nichelino (TO) ITALY
Tel: +39 011 3589481
E-Mail: info@coremec.it

2 Hazard identification

2.1 Classification of the substance and the mixture

The formulation contained in the biocidal product is classified in accordance with the provisions of directives 67/548/EEC and 1999/45/EC and/or in accordance with regulation (EC) 1272/2008 (CLP) (and subsequent amendments). The product requires a safety data sheet compliant with the provisions of Regulation (EC) 1907/2006 and subsequent amendments. Further information on health or environmental risks can be found in sections 11 and 12 of this sheet.

Risk Phrases: H412

The full text of the hazard (H) statements is specified in section 16.

2.2 Label elements

Labeling according to regulation (EC) 1272/2008

Hazard pictograms:
GHS 09

Risk Phrases:

H412 Harmful to aquatic life with long lasting effects

Precautionary statements:

P501 Dispose of contents/container in accordance with local/regional/national regulation
P305 In case of contact with eyes, rinse thoroughly for several minutes. Remove any contact lenses if it is easy to do so. Continue rinsing.
P273 Avoid release to the environment.

2.3 Other hazards

Information not available

CORE-SCRUB P n. 19575**SCRUB BRUSH WITH POVIDONE IODINE**Date of rev.: 23/11/2022
Page 2 of 5**3 Composition and information on Ingredients**

Flexible brush with sponge and clear nail stylus soaked in 20 ml of Povidone Iodine-based solution

3.1. Substances

Not applicable. The product is a liquid solution

3.2 Mixtures

| COMPONENTE | % | CAS No. | PICTOGRAM | RISK PHRASES |
|------------------------------|-----|------------|-------------|----------------|
| Iodine polyvinyl pirrolidone | 7.5 | 25655-41-8 | GHS05 GHS09 | H315 H318 H411 |
| Excipients | | | | |
| Deionised water | | | | |

The full text of the hazard (H) statements is specified in section 16.

4 First aid**4.1 Description of first aid**Not particularly necessary but it is recommended that the rules of good industrial hygiene are respected in full.
In case of contact with eyes, rinse thoroughly with water.**4.2 Major symptoms and effects, both acute and delayed**

May sensitize skin or eyes upon contact

4.3 Indication on the eventual need of consulting promptly a Doctor and special treatments

Information not available

5 Fire-fighting measures**5.1 Means for extinguishing fire**SUITABLE fire extinguishing means
Traditional ones: carbon dioxide, foam, powder, and water spray.NOT SUITABLE fire extinguishing means
None in particular**5.2 Special hazards deriving from substance or mixture**HAZARDS DUE TO EXPOSURE IN CASE OF FIRE
Avoid breathing combustion products (oxides of carbon, toxic pyrolysis products, etc.)**5.3 Recommendations for fire-fighters**

GENERAL INFORMATION

Cool by spraying water on containers to avoid product decomposition and generation of substances hazardous to health.
Always wear protective equipment against fire.
Collect firefighting water must not be discharged into drains.
Dispose of contaminated water used for the remains of the fire according to applicable regulations.

PROTECTIVE EQUIPMENT

Helmet with visor, fireproof clothing, jacket, and trousers with straps around the arms, legs and waist, fire gloves and a face mask that cover the whole face or, in case of huge smoke quantity a self-protector for breathing.

6 Measures in case of accidental release

6.1 Personal precautions, protective equipment, and emergency procedures

If vapours or dust are released into the air, use a protection for the respiratory ways.

6.2. Environment precautions

Prevent product from entering drains, surface water, ground water and neighbouring areas.

6.3 Methods and materials for containment and cleaning up

Spillage with inert material. Remove most of the material and then rinse with water jets. The disposal of contaminated material must be made in accordance with the provisions of section 13.

6.4 Reference to other sections

Any information regarding personal protective equipment and disposal are given in Sections 8 and 13.

7 Handling and storage

7.1 Precautions for safe handling

Store in closed containers labelled, keep away from heat sources

7.2 Conditions for safe storage, including any incompatibilities

Normal conditions of storage without any incompatibility.

7.3 Particular end-use

Information not available

8 Exposure controls / personal protection

8.1 Control parameters

Information not available

8.2 Exposure controls

HANDS PROTECTION (for the continuous use)

Not necessary

SKIN PROTECTION

Not necessary

RESPIRATORY PROTECTION (for the continuous use)

Not necessary.

EYE PROTECTION

Not necessary.

9 Physical and chemical properties of the disinfectant liquid

9.1. Information on physical and chemical characteristics

| | |
|----------------------------------|------------------------------|
| Physical state | liquid |
| Colour | Brown |
| Odour | characteristic |
| Odour threshold | N.A. (not available) |
| pH | 4,5 (3,0 – 6,0) |
| Melting point or freezing point | 0°C |
| Boiling point | 100 ° C |
| Distillation range | N.A. (not available) |
| Flash point | > 60° C |
| Evaporation rate | N.A. (not available) |
| Flammability of solids and gases | N.A. (not available) |
| Specific gravity | 1.032 (1.012 - 1.052) g/ml |
| Solubility | soluble in water and alcohol |

10 Stability and reactivity

10.1 Reactivity

There is no special risk of reaction with other substances in the normal conditions of use

10.2 Chemical stability

The product is stable under normal conditions of use and storage

10.3 Possible hazardous reactions

Under conditions of normal use and storage of hazardous reactions are not predictable

10.4 Conditions to be avoided

None in particular. However, follow the usual precautions against chemicals.

10.5 Non-compatible materials

Information N.A. (not available)

10.6 Hazardous decomposition products

Gases and vapours which are dangerous to health can be emitted by thermal decomposition or in case of fire.

11 Toxicological information

No episodes of damage to health from exposure to the product are registered. In any case it must be handled in accordance with the rules of good industrial hygiene. The preparation may, in susceptible individuals, cause minor health effects by inhalation and or skin absorption and / or contact with eyes and / or ingestion.

11.1. Toxicological effects information

Povidone iodine

LD50 (Dermal) > 2500 mg/kg

LD50 (Oral) > 4640 mg/kg

12 Ecological information

The formulation contained in the product is classified as dangerous for the environment and is harmful to aquatic organisms, with the possibility of causing long-term negative effects for the aquatic environment.

12.1 Toxicity of the active principle

Active principle: Povidone Iodine

EC50 (48h) > 2,8 mg/l

LC50 (48h) > 4,6 mg/l

12.2 Persistence and degradability

Information not available

12.3 Potential for bioaccumulation

Information not available

12.4 Mobility of soil

Information not available

12.5 PBT and vPvB tests result

Information not available

12.6 Other adverse effects

Information not available

13 Disposal considerations

13.1 Methods of waste treatment

Disposable product, single use.

Product residues must NOT be dispersed into the environment. The waste classification of this product must be evaluated according to the regulations in force.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for disposal in accordance with national waste management.

14 Information on transport

The product is not considered dangerous under current provisions governing the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG Code), and by air (IATA).

15 Regulatory information

15.1 Standards and legislation on health, safety and environmental specifications for the substance or mixture

| | |
|---|------|
| Seveso Cat.: | None |
| Restrictions concerning the product or to substances according to the Annex XVII Regulation (CE) 1907/2006: | None |
| Substances in Candidate List (art. 59 Reach): | None |
| Substances subject to authorization (Annex XIV REACH) | None |

15.2 Chemical safety assessment

A safety assessment for the chemical mixture and substances contained therein was not elaborated.

16 Additional information

Full text Hazard Statements

- H318 Causes serious eye damage.
- H315 Causes skin irritation.
- H411 Toxic to aquatic life with long lasting effects
- H412 Harmful to aquatic life with long lasting effects

Full text. Precautionary statements

- P501 Dispose of contents/container in accordance with local/regional/national regulation.
- P305 In case of contact with eyes, rinse thoroughly for several minutes. Remove any contact lenses if it is easy to do so. Continue rinsing.
- P273 Avoid release to the environment.

BIBLIOGRAPHY:

1. Directive 1999/45/EEC and subsequent amendments
2. Directive 67/548/EEC and subsequent amendments
3. Regulation (EEC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EEC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EEC) 790/2009 of the European Parliament (I Alp. CLP)
6. Regulation (EEC) 453/2010 of the European Parliament

Note to the user:

The information contained in this sheet are based on the knowledge available to us at last issue date. The user must verify the suitability and completeness of information in relation to the specific use of the product.

This document has not to be considered as a guarantee of any kind of specific product property. Since the use of this product is not under our direct control the user has the obligation to observe under his own responsibility, and laws and rules, and safety regarding hygiene and safety. We accept no responsibility for improper use.