

Material Safety Data sheet

Product: HANDGUARD HANDWASH

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

Manufacturer :
Radix Hi-care Products
Product name : HANDGUARD HANDWASH
Synonyms : Antiseptic Surgical Scrub Solution

2. COMPOSITION/INFORMATION ON INGREDIENTS

The ingredients at their given percentages in this product are not considered hazardous to your health.

Components	CAS Number	Weight %
Chlorhexidine Gluconate Solution (Equivalent to Chlorhexidine Gluconate)	18472-51-0	20 % v/v (4 % w/v)

3. HAZARDS IDENTIFICATION

Principle routes of exposure :

- Oral :** Can irritate the tissues of mouth, oesophagus, and other tissues of the digestive System. Symptoms of over exposure can include vomiting, diarrhoea and nausea.
- Eye contact :** Severe irritant to the eyes.
- Skin contact :** May cause skin irritation in sensitized individuals.
- Ingestion :** Ingestion of this material may cause nausea, vomiting and diarrhoea.
- Inhalation :** Inhalation of mist or vapours may be severely irritating to the nose and throat.
- Physico – chemical properties :** This product may cause eye, skin or respiratory irritation.

4. FIRST AID MEASURES

- Eye contact :** In the case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
- Ingestion :** Wash mouth and throat immediately with plenty of water and seek medical attention.
- Inhalation :** Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
- Skin contact :** Not harmful. Discontinue if skin is sensitive.

5. FIRE – FIGHTING MEASURES

- Flash point (⁰C) :** Not determined.
- Auto ignition temperature :** Not determined.
- Flammable limits in air - lower (%) :** Not determined.
- Fire fighting information :**
 - Suitable extinguishing media :** Use water, dry chemical, carbon dioxide or chemical foam.
 - Extinguishing media which must not be used for safety reasons :** None.

Special protective equipment: Wear self-contained breathing apparatus for fire fighting if necessary.
for fire-fighters

Hazardous combustion products: Carbon dioxide and carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid inhalation of mist or vapours. Wear eye protection if necessary.

Environmental precautions : No special environmental precautions required.

Methods for cleaning up : Flush with plenty of water.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions: No special technical protective measures required.

Safe handling advice: Avoid breathing vapours or mist. Avoid contact with eyes.

Storage:

Technical measures/storage conditions: Store at R. T. away from heat and light.

Incompatible products: Avoid contact with strong acids and bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection : Safety glasses required.

Hand protection : Not required.

Skin and body protection : Not required.

Respiratory protection : Not required.

Other/general protection : Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear liquid

Physical state : Liquid

Colour : Orange

PH : 5.0 – 6.0

Odour : Pleasant

Water solubility : Completely Soluble

10. STABILITY AND REACTIVITY

Chemical stability : Stable under recommended storage conditions.

Hazard polymerization : Hazardous polymerization does not occur.

Hazardous decomposition products: Unknown on product.

Materials to avoid : Strong acids and bases.

Conditions to avoid : Direct exposure to heat and sunlight.

11. TOXICOLOGICAL INFORMATION

Local effects

Oral : Unknown on product.

Eye irritation : Severe irritant to the eye.

Skin irritation : May cause skin irritation in sensitized individuals.

Inhalation : Inhalation of mist or vapours may cause irritation to the nose and throat

Chronic toxicity

- Oral** : Not determined.
Inhalation : Not determined.
Dermal : Not determined.

Specific effects

- Corrosive effects** : Not determined.
Target organ effects : Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

- Ecotoxicity effects** : This product has no known eco – toxicological effects.
Aquatic toxicity effects : This product has no known aquatic toxicological effects.
Mobility : Unknown on product.
Persistence / degradability : Unknown on product.
Bioaccumulation : Unknown on product.
Degradation : Unknown on product.

13. DISPOSAL CONSIDERATIONS

This product may be disposed of in accordance with the regulations laid down by the local regulatory authority.

14. TRANSPORT INFORMATION

- DOT** : None
IATA/ICAO : None

15. REGULATORY INFORMATION

- CAS No.** : Not applicable.
Labelling : For External Use Only.
Safety Phrases : Avoid contact with the mucous membrane. In case of contact, wash immediately with plenty of Water and seek medical attention.

16. OTHER INFORMATION

- Additional advice** : None
Literary Reference : None

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