

MATERIAL SAFETY DATA SHEET.

POVIPERP – 5

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : POVIPERP –5 (Povidone Iodine Solution 5 % w/v)

USE : Microbicidal Solution

Company name and contact details.

Becta Laboratories

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2. HAZARDS IDENTIFICATION

The product is not classified as dangerous.

3. COMPOSITION / INFORMATION ON COMPONENTS

Substance/preparation:

Povidone Iodine Solution – 5 % w/v

Alkyl Aryl Ethoxylate

Phosphate Buffer

4. FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Get medical attention if Symptoms occur.

Ingestion: Wash out mouth with water. Move exposed person to fresh air.

Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes.

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Specific treatments: Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media - Suitable: In case of fire, use water spray (fog), foam, dry chemical or CO₂.

Special protective equipment

for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material.

Avoid breathing vapour or mist. Provide adequate ventilation.

Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Small spill: Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

Large spill: Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling: Do not ingest. Avoid contact with eyes, skin and clothing. After handling, always wash hands thoroughly with soap and water.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry,

cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

Store between the following temperatures: 5 and 30°C

Packaging materials

Recommended: Use original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values: Not available.

Exposure controls

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Respiratory protection

A respirator is not needed under normal and intended conditions of product use.

Hand protection : No special recommendations.

Eye protection : No special recommendations.

Skin protection : No special recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance

Physical state: Liquid

Colour: Brown

Odour: Iodine

Important health, safety and environmental information

pH: 5-5.5

Boiling point: Not available

Melting point: Not available

Flash point: > 100 °C

Flammability (solid, gas): Not applicable

Explosive properties: Not applicable

Explosion limits: Not applicable

Oxidising properties: Not available

Vapour pressure: Not applicable

Relative density: 1.05 g/cm³ (20 °C)

Solubility: Easily soluble in cold water

Vapour density: Not available

Evaporation rate :Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Do not mix with other products.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

Inhalation:Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Eye contact: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Reproductive toxicity: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not subject to ecological classification according to directive 1999/45/EC.

Persistence and degradability

13. DISPOSAL CONSIDERATIONS

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty.

14. TRANSPORT INFORMATION

Follow special pack instructions for air transport

15. REGULATORY INFORMATION

EU regulations

Risk phrases: This product is not classified according to EU legislation.

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations

The Control of Substances Hazardous to Health Regulations

Health and Safety at Work Act

16. OTHER INFORMATION

Irritating to eyes and skin

May cause long-term adverse effects in the aquatic environment.

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