



Complying to 91/155/EC, 93/112/EC

Product Safety Data Sheet

Vetasept Povidone-Iodine Surgical Scrub

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Vetasept Povidone-Iodine Surgical Scrub
Product Code	XHG 010 500ml XHG 009 5L
Supplier	Animalcare Ltd, Common Road, Dunnington, York, YO19 5RU, Telephone No. +44 (0) 1904 487687 Fax No. +44 (0) 1904 487611 E-Mail: animalcare@animalcare.co.uk. Emergency Telephone +44 (0) 1904 487687 (daytime)

2. COMPOSITION / INFORMATION ON COMPONENTS

	CAS No.	EINECS No.
Providone-Iodine	25655-41-8	
Glycerin	56-81-5	
Citric Acid	5949-29-1	2010691
Sodium Phosphate	7558-79-4	
Alkyl Phenol Ether Sulphate (ammonium salt)		
Povidone	9003-39-8	
Polyethylene		
Cocus Fatty Acid Diethanolamide	68-603-42-9	271-657-0

3. HAZARDS IDENTIFICATION

Under normal conditions and use it is unlikely to cause any health hazard.

Human health hazards: May cause irritation to eyes. May be harmful if swallowed.



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4. FIRST AID MEASURES

- Skin contact:** Wash skin with plenty of water in the case of accidental contact.
- Eye Contact:** Rinse thoroughly immediately with plenty of water for at least 15 minutes keeping eyelid open. Further treatment by eye doctor.
- Inhalation:** N/A
- Ingestion:** Do not induce vomiting. Have patient drink plenty of water in small sips (for dilution). Obtain medical attention. In case of overdose, gastric lavage with dilute starch mucilage or a 1% solution of sodium thiosulphate. The electrolyte balance should be corrected and lost fluids restored.
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5. FIRE FIGHTING MEASURES

- Extinguishing Agents:** Water spray, fog or alcohol resistant foam.
- Protective Equipment:** Wear self contained breathing apparatus for fire fighting.
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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear protective clothing.
- Environmental Precautions:** Try to prevent the material from entering drains or water courses. Obtain advice of the Local Authority or waste disposal company.
- Spillages:** Contain and absorb using earth, sand, or other inert material. Dispose of absorbed material in accordance with Local Authority regulations.
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7. HANDLING AND STORAGE

Avoid eye contact.

Storage area should be dry, well ventilated and away from sources of heat, ignition and direct sunlight.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

UK Occupational Exposure

Standards:

Data for iodine is given below:

UKEH40: OES 0.1ppm (1.1mg/m³) 15min STEL

General Protection and Hygiene: The usual precautionary measures for dealing with chemicals should be observed. No eating, drinking, smoking or snuffing tobacco at work. Wash face and/or hands before break and end of work. Avoid contact with skin, eyes and clothing.

Eye protection: Chemical goggles

Body protection: Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid	Colour:	Brown
Odour:	Iodine		
Viscosity:	Approx 220cPs (Brookfield Viscometer spindle 2, speed 100)		
Solubility:	Freely soluble in water	Density:	1.040 to 1.055 at 20°C
pH Value:	3.0 to 5.5	Flashpoint:	No data

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Hazardous decomposition products: Combustion will generate oxides of carbon.
Avoid light effect/sun rays.

Hazardous reactions: Avoid oxidising and reducing agents, (may be slight reactions with metals).

11. TOXICOLOGICAL INFORMATION

Toxicological properties:

Oral: May be harmful



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LD50 (rat) 6g/kg (Povidone Iodine)
LD50 (rat) 12.6g/kg (Glycerin)
LD50 (rat) 5g/kg (Citric Acid)
LD50 (rat) 7.4g/kg (Sodium Phosphate)
LD50 (rat) > 2g/kg (Cocus Fatty Acid Diethanolamide)
LD50 (rat) > 10g/kg (Povidone)

Dermal: Unlikely to cause irritation.

Inhalation: N/A

Permissible concentrations (Air):

UKEH40: OES 0.1ppm (1.1mg/m³) 15min STEL (Iodine)

12. ECOLOGICAL INFORMATION

Povidone Iodine:

Bio-accumulation: Degree of elimination < 20% - hard to eliminate.
Environmental fate: No data.
Excotoxic Effects: Toxicity to fish: LC50 (96h) 4.6 – 10mg/1 (Leuciscus idus)
No observed effect concentration; 4.6mg/1
EC/LCO (48h): 5mg/1
Toxicity to bacteria: Pseudomonas putida.
EC/LC10 (17h): 270mg/1
EC/LC50 (17h): 380mg/1
EC/LC90 (17h): 480mg/1
Toxic limit concentration 270mg/1

Alkyl Phenol Ether Sulphate:

Bio-accumulation: < 80% biodegradable.

Citric Acid:

Ecotoxic Effect: LC50 (96h) 135mg/1 (Bluegill)
(100h) 625mg/1 not lethal (Goldfish)

Sodium Phosphate May act as a plant nutrient or precipitate heavy metals.

Glycerin

Bioaccumulation: Completely biodegradable
Ecotoxic Effects: Aquatic toxicity TLM 96 > 1000mg/1 – insignificant hazard.



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Polyethylene Glycol

Ecotoxic Effects: LC50 (24h) > 5000mg/1 (goldfish)
EC50 (48h) > 100mg/1 (daphnia)
Low toxicity to aquatic organisms

Bio-accumulation: >80% dissolved oxygen, carbon removal.

Povidone

Ecotoxic Effects: LC50 (48h) > 500mg/1 (fish toxicity)

Degradability: In water. Static test TOC < 30%

Cocus Fatty Acid

Diethanolamide

Bio-accumulation: > 93% dissolved oxygen, carbon removal.

13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of in accordance with the regulations issued by the appropriate local authorities.

Container Disposal: Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be disposed of by land fill or incinerated as appropriate. Do not incinerate closed containers.

14. TRANSPORT INFORMATION

This product is not hazardous and hence not regulated.

15. REGULATORY INFORMATION

Classification: Not classified
Labelling: Not classified
Symbol(s): Not classified



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R-Phrases:	R22	Harmful if swallowed.
	R36	Irritation to eyes.
S-Phrases:	S1/2	Keep locked up and out of reach of children.
	S7	Keep containers tightly closed.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

16. OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use.
