

SAFETY DATA SHEET

zoetis

Title: IOVONE SCRUB		Document: SDS-AU038	
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Status: Current	Issue Date: 30-May-2024	Effective Date: 30-May-2024	Review Date: 23-Feb-2026

Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY

Product Name:	lovone Surgical Scrub
Product Identifier:	75 g/L povidone-iodine solution.
Recommended Use:	A surgical antiseptic and cleansing agent for pre-operative preparation of hands or skin.
Restrictions on Use:	None
Company Identification:	Zoetis Australia Pty Ltd ABN: 94 156 476 425
Address:	Level 6, 5 Rider Boulevard Rhodes NSW 2138 Australia
Telephone:	1800 814 883
Fax:	(02) 8876 0444
Email:	productsupport.au@zoetis.com
National Poisons Information Centre:	13 11 26 (all hours)
Emergency Telephone Number:	1800 814 883 (all hours)

Section 2: HAZARDS IDENTIFICATION

This product has been assessed according to GHS and is classified as follows:

GHS Category	Hazard code	Hazard Statement
Skin Irritant Category 2	H315	Causes skin irritation
Eye Irritant Category 2	H319	Causes serious eye irritation

Signal word: WARNING

GHS Pictograms:



Exclamation mark

Precautionary statements:

Prevention

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P280 Wear eye protection / face protection.

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Response

P332 + P313 If skin irritation occurs: Get medical advice.

P362 + P364 Take off contaminated clothing and wash before reuse.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice / attention.

Storage

Store in original container in a cool (< 30°C), dry, well-ventilated area.

Disposal

Dispose of container in accordance with local and state regulations.

N.B.: The above statements are determined by Work Health and Safety regulations and may not reflect Signal Headings and First Aid and Safety statements on product labelling, which are determined by a competent authority during assessment for registration.

Other hazards: None known.

Section 3: COMPOSITION / INFORMATION on INGREDIENTS

INGREDIENT	CAS No.	CONTENT
Sodium laureth sulphate	68585-34-2	10%
Povidone-iodine	25655-41-8	7.5%
Ingredients not contributing to the hazards	-	> 60%

Section 4: FIRST AID MEASURES

General Information: Consult the National Poisons Centre on 13 11 26 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have this SDS, product container or label at hand.

Symptoms and Effects of Exposure: May result in nausea and vomiting if ingested. Skin contact may cause an allergic reaction in certain individuals.

Inhalation: If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary. If respiratory symptoms occur, remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. If breathing is difficult, give oxygen and seek medical assistance immediately.

Ingestion: If swallowed do NOT induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. For advice, contact the National Poisons Centre on 13 11 26.

Skin: If unintended skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

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Eye: If eye contact occurs: Immediately flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 20 minutes. If eye irritation persists, get medical advice/attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Recommended First Aid Facilities: Ready access to running water and soap is required. Accessible eyewash is required.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flash Point: No data. None of the ingredients are flammable.

Hazardous Combustion Products: If involved in a fire, may emit noxious and irritant fumes.

Extinguishing Media: There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Protective Equipment: Protective gloves and breathing apparatus.

HAZCHEM Code: None specified.

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Wear gloves and appropriate protective clothing. Avoid breathing vapours and contact with eyes. Clean up all spills immediately. For small spills, clean up spilled product then wipe area and put empty container in garbage. For large spills, exclude non-essential people from the area. Contain and absorb spill with sand, earth, inert material or vermiculite. Prevent spillage from entering drains or water courses and call emergency services.

Protective Clothing: For appropriate personal protective equipment see section 8.

Environmental Precautions: Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

Section 7: HANDLING AND STORAGE

Handling: Handle this product to avoid exposure, taking all recommended precautions. Avoid contact with skin, eyes and inhalation of vapours. Use in a well-ventilated area. Do not allow clothing wet with material to stay in contact with skin. Use personal protective equipment as required. Do not eat, drink or smoke while handling product.

Storage: Keep out of reach of children. Store below 30°C (room temperature). Protect from light. Store in original container, tightly closed in a cool, dry place. DO NOT re-use the container.

Other Information: Avoid contact with incompatible substances as listed in Section 10. Always read the label before use.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

This SDS describes personal protective measures relating to long term industrial and manufacturing exposure and emergency situations, such as accidents and spills. See product label for personal protective measures during normal use of the marketed product.

Exposure Limits: No exposure limits have been assigned for this product. Known exposure limits for ingredients are as follows:

INGREDIENT	TEEL-1	TEEL-2	TEEL-3
Povidone-iodine	3.8 mg/m ³	42 mg/m ³	250 mg/m ³

Engineering Controls: Use only in a well-ventilated area. Ensure that the work environment remains clean.

Personal Protective Equipment (PPE):

Eye protection: Safety glasses with side shields or chemical goggles are recommended when handling bulk quantities of this product.

Skin protection: When handling bulk product, prevent skin contact by wearing chemical protective gloves e.g. PVC. Wear safety gumboots, e.g. rubber.

Respiratory protection: Not required for the normal use of this product.

Other: When handling bulk quantities of this product, overalls, PVC apron, barrier cream, skin cleansing cream and eye wash unit may be required.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A dark yellow-brown liquid.	Lower flammability limits:	Not available.
Odour:	Not available.	Vapour Pressure:	Not available.
Odour threshold:	Not available.	Vapour density:	Not available.
pH:	4.5 – 6.0.	Relative density:	Not applicable.
Melting Point:	Not applicable.	Specific Gravity:	Approx. 1.03.
Boiling Point:	Not available.	Solubility in Water:	Miscible.
Flash Point:	Not available.	Partition coefficient:	Not available.
Evaporation Rate:	Not available.	Auto-ignition temperature:	Not available.
Flammability:	Not flammable.	Decomposition temperature:	Not available.
Upper flammability limits:	Not available.	Viscosity:	Not applicable.

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Section 10: STABILITY AND REACTIVITY

Reactivity: This product is unlikely to react or polymerise under normal storage conditions.

Stability: When stored appropriately this product should show no significant degradation within the expiry period shown on the label.

Conditions to Avoid: Protect this product from light.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Combustion products include carbon dioxide, nitrogen oxides, silicon dioxide and other pyrolysis products typical of burning organic material.

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ingestion: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the oral route. If ingested may cause nausea and vomiting.

Sodium laureth sulphate: Oral LD₅₀: 1600 mg/kg (rat).

Povidone-iodine: Oral LD₅₀: > 8000 mg/kg (rat); 8100 mg/kg (mouse).

Inhalation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the inhalation route.

Sodium laureth sulphate: No data.

Povidone-iodine: No data.

Dermal: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the dermal route. Topical application of povidone iodine may elevate blood serum concentrations of iodine and affect thyroid function.

Sodium laureth sulphate: No data.

Povidone-iodine: TDLo: 3400 mg/kg/24H (human).

Skin Corrosion / Irritation: The mixture is classified as **Skin Irritant Category 2** due to the presence of sodium laureth sulphate.

Serious Eye Damage / Irritation: The mixture is classified as **Eye Irritant Category 2** due to the presence of sodium laureth sulphate.

Respiratory or Skin Sensitisation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a skin sensitiser or respiratory sensitiser.

Germ Cell Mutagenicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be mutagenic.

Carcinogenicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be carcinogenic.

Reproductive Toxicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a reproductive or developmental toxicant or to have any effects on or via lactation.

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STOT: Single exposure: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after single exposure.

STOT: Repeat exposure: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after single exposure.

Aspiration hazard: No data available.

Narcotic Effects: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to have any narcotic effects.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be toxic to the environment.

Fish

Sodium laureth sulphate: NOEC (48h): 0.26 mg/L.

Povidone-iodine: LC₅₀ (96h): 4.42 mg/L, NOEC (1200h): 20 mg/L.

Crustacea

Sodium laureth sulphate: EC₅₀ (48h): 3.12 mg/L

Povidone-iodine: LC₅₀ (48h): 1.33 mg/L.

Algae and other aquatic plants

Sodium laureth sulphate: No data.

Povidone-iodine: No data.

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Sodium laureth sulphate	No data	No data	No data	No data
Iodine	HIGH	HIGH	LOW (logKOW = 1.8582)	LOW (KOC = 14.3)

Section 13: DISPOSAL INFORMATION

Product Disposal: Dispose of product only by using according to label or at an approved landfill.

Container Disposal: Crush or puncture and bury in an approved landfill if an approved recycling system is not available.

Section 14: TRANSPORT INFORMATION

Dangerous Goods Classification: Not considered a Dangerous Good for land, sea and air transport.

Section 15: REGULATORY INFORMATION

Poison Schedule (SUSMP): Not scheduled.

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Section 16: OTHER INFORMATION

This information is based on data believed by Zoetis Australia Pty Limited to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness otherwise and no assumption of liability from howsoever arising is made by Zoetis Australia Pty Limited by reason of the provision of this information. Every person dealing with the materials referred to herein does so at his/her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Legend:

CAS No.	Chemical Abstracts Service Registry Number.
EC₅₀	The median effect concentration, being a statistically derived concentration of a substance that can be expected to cause an adverse reaction in 50% of organisms a 50% reduction in growth or in the growth rate of organisms.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
KOC	Soil-Water Partition Coefficient. The ratio of a chemical's concentration that is adsorbed in the soil to the concentration of chemical in solution.
KOW	Octanol Water Partition Coefficient. The ratio of a compound's concentration in a known volume of n-octanol to its concentration in a known volume of water after the octanol and water have reached equilibrium.
LC₅₀	The median lethal concentration, being a statistically derived concentration of a substance that can be expected to cause death in 50% of animals.
LD₅₀	The median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50% of animals.
NOEC	No observable effect concentration.
PPE	Personal Protective Equipment.
PVC	Polyvinyl Chloride.
SDS	Safety Data Sheet.
STOT	Specific Target Organ Toxicity.
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.
SWA	Safe Work Australia.
TDLo	Toxic Dose Low. The lowest dose of a substance known to have produced signs of toxicity in a particular animal species
TEELs	Temporary Emergency Exposure Limits. Guidelines designed to predict the response of members of the general public to different concentrations of a chemical during an emergency response incident.
TEEL-1	The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic, nonsensory effects. However, these effects are not disabling and are transient and reversible upon cessation of exposure.
TEEL-2	The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience irreversible or other serious, long-lasting, adverse health effects or an impaired ability to escape.
TEEL-3	The airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience life-threatening adverse health effects or death.

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References:

ChemID Plus
Chemwatch
EPA New Zealand Chemical Classification and Information Database (CCID)
HSDB (Hazardous Substances Data Bank)

Revision History:

Date of Revision	Reason
26 November 2015	General update to formatting and layout. Inclusion of codes for hazard statements and precautionary statements.
23 February 2021	Addition of product identifier and update to email address in Section 1. Addition of storage and disposal instructions in Section 2. Addition of toxicological data to Sections 11 and 12. Minor variations to wording and formatting in other Sections.
1 March 2023	Update of Customer Service and emergency telephone numbers to Zoetis numbers.
30 May 2024	Update to Zoetis SDS.

END OF SDS