

# VETPAK SAFETY DATA SHEET

## Section 1: Identification of the Substance or Mixture and of the Supplier

**Product Name:** STOCK IODINE 2.5%

**Recommended Use:** For the oral nutritional supplementation of iodine in all types of stock including poultry.

**Company Details:** Vetpak Ltd.

**Address:** 150 Rickit Road, Te Awamutu.

**Telephone Number:** (07) 870 2024

**Emergency Telephone Number:** (07) 870 2024 8.00am to 5.00pm Monday to Friday except public holidays. National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

**Date of Preparation:** 8<sup>th</sup> August 2008

## Section 2: Hazards Identification

**Hazards Classification:** Hazardous according to the criteria of HSNO, New Zealand. Hazards classification: 6.1D, 6.5B, 6.9B, 8.2C, 8.3A, 9.1A, 9.3C.

## Section 3: Composition / Information on Ingredients:

### INGREDIENTS:

Mixture	CAS Number	Proportion
Pure Iodine Resublimed 99.6% available Iodine.	7553-56-2	<20gm/Litre
Potassium Iodide 75.7% available Iodine.	7681-11-0	<20gm/Litre
Water	7732-18-5	97.1%

## Section 4: First Aid Measures:

### Description of necessary first Aid measures:

**Swallowed:** Give a large quantity of medical charcoal in plenty of water. Seek medical advice.

**Skin:** Wash contact areas with plenty of water. Remove contaminated clothing and laundry before reuse. Thoroughly clean shoes before reuse.

**Eye:** Flush out with a gentle stream of clean water for 15 minutes, lifting upper and lower eyelids occasionally. Seek medical advice if irritation persists.

**Inhaled:** Remove from further exposure. Get medical attention for any breathing difficulty.

**First Aid Facilities:** Eye bath and cold running water available ready for use.

**Advice to Doctor:** Contact National Poisons Centre.

## Section 5: Fire Fighting Measures



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**Type of Hazard:** This product is non-flammable.

**Extinguishing Media & Methods:** Use media appropriate to surrounding fire.

**Recommended Protective Clothing:** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes, dust or products of combustion.

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## Section 6: Accidental Release Methods

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**Procedures to be covered:** For spills, dam and recover. Prevent entry into drainage systems, rivers, etc. Collect with absorbent material such as sand, sawdust or soil into labelled containers. Collect the contaminated material and dispose of in a landfill site approved for pesticides. Treat spill area with plenty of water.

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## Section 7: Handling and Storage

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**Storage:** Store away from food. Keep out of reach of children. Store in the original, labelled container with the lid tightly closed.

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## Section 8: Exposure Controls / Personal Protection

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### Workplace Exposure Standards:

For Iodine: TWA Ceiling 0.1ppm (0.1 mg/M<sup>3</sup>).

**Engineering Controls:** No special ventilation is recommended under normal conditions of use.

**Personal Protective Equipment (PPE):** Avoid eye and skin contact. Wear eye and skin protection, and protective clothing if accidental contact can occur.

**General hygiene:** Wash hands after use. Launder soiled protective clothing.

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## Section 9: Physical and Chemical Properties

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**Specify data for the product not the individual components:**

### Required Specifications:

Physical State: Liquid.

Appearance: Brown liquid with pungent iodine-like smell and taste.

Boiling Point: 100°C.

Vapour Pressure: Unknown.

Specific Gravity: 1.094 (water = 1)

Flash Point: Not flammable.

Flammability Limits: Not flammable.

Solubility in Water: Soluble.

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## Section 10: Stability and Reactivity

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**Stability of the Substance:** Product is considered stable under normal handling conditions.

**Material to avoid:** Segregate from strong acids and alkalis. Segregate from acetaldehyde, ammonia, acetylene, aluminium and metals such as lithium, barium, magnesium, sodium, zinc, antimony and potassium.

**Hazardous decomposition Products:** Not known.

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**Hazardous polymerization:** Will not occur.

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## Section 11: Toxicological Information

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### Acute Effects:

**Swallowed:** Swallowing of large quantities can result in gastric irritation.

**Skin:** Repeated exposure can cause sensitisation.

**Eye:** Contact may cause minor irritation.

**Inhaled:** Not normally a hazard due to non-volatile nature of product. The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation.

### Long Term Effects:

**Chronic Effects:** Chronic ingestion of iodides may produce iodism which may be characterised by skin rash, running nose, headaches, and irritation of mucus membranes. Weakness, anaemia, loss of weight, and general depression may also occur.

**Reproductive toxicity:** There is no evidence that exposure to this material will result in any effects to the unborn baby.

**Mutagenicity:** Non-mutagenic.

**Carcinogenicity:** Based on the results of animal studies, not considered to be carcinogenic.

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## Section 12: Ecological Information

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### Data organisation:

Oncorhynchus mykiss, Rainbow trout, donaldson trout LC50 MOR INC = 530, 480 - 580 ug/L  
Freshwater, 96 Hour, Static

Daphnia magna, Water flea LC50 MOR INC = 160, 140 - 190 ug/L  
Freshwater, 48 Hour, Static 160, 140 - 190

### Environmental risk phrases:

Warning - Very toxic to aquatic life

Harmful to terrestrial vertebrates.

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## Section 13: Disposal Considerations

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**Disposal Information:** Dispose of product only by using according to the label. Recycle where possible. Triple rinse container. Recycle containers if possible. Otherwise crush and bury in an approved landfill site.

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## Section 14: Transport Information

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**Relevant information:** No special transport requirements.

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## Section 15: Regulatory Information

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**Regulatory status:** This product is exempt from registration, being an oral nutritional compound compliant with S4 of the ACVM regulations 2001.

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## Section 16: Other Information

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**Additional Information:** National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

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1. The above information has been compiled on the basis of good faith, and our experience from the available technical knowledge and data for this product.
  2. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used.
  3. No responsibility can be accepted for the wrongful or misinterpretation of this data.
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