

VETPAK SAFETY DATA SHEET

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

Product Name: Iodine Combo Drench for Sheep and Goats

Recommended Use: As a nutritional supplement for sheep and goats.

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: 20th February 2009.

Section 2: Hazards Identification

Hazards Classification: Hazardous according to the criteria of HSNO, New Zealand. Hazards classification: 6.1B, 6.4A, 6.5B, 6.6B, 6.9A, 9.1A, 9.2A, 9.3A.

Danger: Fatal if swallowed. Causes serious eye injury. May cause an allergic skin reaction. Suspected of causing genetic defect with oral route. Causes damage to organs. Very toxic to aquatic life. Very toxic to the soil environment. Very toxic to terrestrial vertebrates.

Prevention Statements:

- P102: Keep out of reach of children.
- P103: Read label before use.
- P201: Obtain special instructions before use.
- P260: Do not breathe mist, vapours or sprays.
- P264: Wash hands thoroughly after use.
- P270: Do not eat, drink or smoke when handling this product.
- P273: Avoid release to the environment.
- P280: Wear protective gloves and eye / face protection.
- P281: Wear personal protective equipment as required.

Response Statements:

- P301/P310: If swallowed immediately call a poisons centre or doctor / physician.
- P302+P352: If on skin: Wash with plenty of soap and water.
- P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313: If exposed or concerned: Get medical advice.
- P314: If exposed, or you feel unwell; Call a poisons centre or doctor / physician.
- P321: Do not induce vomiting.
- P330: Rinse mouth.
- P333+P313: If skin irritation occurs: Get medical advice / attention.
- P337+P313: If eye irritation persists: get medical advice / attention.
- P363: Wash contaminated clothing before re-use.
- P391: Collect spillage.



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Section 3: Composition / Information on Ingredients:

INGREDIENTS:

Mixture	CAS Number	Proportion
Potassium Iodide	7681-11-0	667g/L
Sodium Selenate	13410-01-0	1.575g/L
Copper Chelate	14025-15-1	15.00g/L
Cobalt Chelate	15147-09-04	2.15g/L
Zinc Chelate	14025-21-9	4.00g/L
Brilliant Blue Dye	3844-45-9	0.005g/L
Water	7732-18-5	710.3g/L

Section 4: First Aid Measures:

Description of necessary first Aid measures:

Swallowed: Wash mouth out with water. **DO NOT** induce vomiting. Never give anything by mouth to an unconscious person. If swallowed immediately call a poisons centre or doctor / physician.

Skin: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before re-use. Thoroughly clean shoes before re-use. Get medical attention if irritation develops.

Eye: Immediately flush eyes with copious amounts of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses if easy and safe to do. Continue flushing. Get medical attention if irritation persists.

Inhaled: Remove to fresh air. Get medical attention for any breathing difficulty.

Workplace Facilities: Ensure an eye bath and washroom facilities are available.

Notes for Medical Personnel: Treat symptomatically based on judgement of doctor and individual reactions of patient.

Aggravated medical conditions caused by exposure: 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.

Section 5: Fire Fighting Measures

Type of Hazard: Not flammable.

Hazards from combustion products: Not considered to be a fire, or explosion hazard. Stable under normal conditions of use or storage. Avoid incompatible products.

Extinguishing Media & Methods: Use any means suitable for extinguishing surrounding fire.

Recommended Protective Clothing: : Fire-fighters should wear full protective clothing and self-contained breathing apparatus.

Section 6: Accidental Release Methods

Procedures to be covered: Ventilate area of leak or spill. Contain and absorb with material such as sawdust or sand. Store in labelled containers for disposal. Dispose of in accordance with local and regional regulations.



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Section 7: Handling and Storage

Handling: Ensure an eye bath and wash room facilities are available and ready for use.

Storage: Keep in original labelled container with the lid tightly closed., stored in a cool, dry, well ventilated area. Isolate from incompatible substances. Incompatible substances are: diazonium salts, diisopropyl peroxydicarbonate, oxidants, bromine and chlorine trifluorides, fluorine perchlorate, calomel (mercurous chloride), potassium chlorate, metallic salts, tartaric and other acids.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: No specific workplace standards are established.

Engineering Controls: No specific engineering controls.

Ventilation specification: No specific ventilation standards are established.

Personal Protective Equipment (PPE): Wear protective gloves and eye / face protection.

General hygiene: Do not eat, drink or smoke when handling this product.

Section 9: Physical and Chemical Properties

Physical State: Liquid.

Appearance: Greenish dense liquid.

Boiling Point: Not known.

Vapour Pressure: Not applicable.

Specific Gravity: 1.40 (water = 1.0)

Flash Point: Not applicable.

Flammability Limits: Not flammable.

Solubility in Water: Soluble.

Section 10: Stability and Reactivity

Stability of the Substance: Stable under normal conditions of temperature and storage.

Material to avoid: Keep away from incompatibles such as diazonium salts, diisopropyl peroxydicarbonate, oxidants, bromine and chlorine trifluorides. fluorine perchlorate, calomel (mercurous chloride), potassium chlorate, metallic salts, tartaric and other acids.

Hazardous decomposition Products: Hazardous decomposition products include oxides of the contained metal and halogen, possibly also free or ionic halogen.

Hazardous polymerization: Does not occur.

Section 11: Toxicological Information

Swallowed: Oral doses may cause irritation to the gastro-intestinal tract.

Allergic effects: Iodides can give rise to allergic reactions: urticaria, angioedema, cutaneous haemorrhage or purpuras, fever, arthralgia, lymphadenopathy and eosinophile, acne-form or severe eruptions.

Skin: May cause allergy, irritation with redness and pain.

Allergic effects: Iodides can give rise to allergic reactions: urticaria, angioedema, cutaneous haemorrhage or purpuras, fever, arthralgia, lymphadenopathy and eosinophile, acne-form or severe eruptions.



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eruptions.

Eye: May cause irritation, redness and pain.

Inhaled: May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

Section 12: Ecological Information

Potential Environmental Considerations: Harmful to the environment.

Environmental risk phrases: Very toxic to aquatic life. Very toxic to the soil environment. Very toxic to terrestrial vertebrates.

Section 13: Disposal Considerations

Disposal Information: Triple rinse containers to use. Crush and dispose to an approved landfill area in accordance with regional and local regulations, or recycle if possible. Dispose of spilled material in accordance with regional and local regulations.

Section 14: Transport Information

Relevant information: No special transport requirements.

Section 15: Regulatory Information

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

Section 16: Other Information

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.

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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