

# VETPAK SAFETY DATA SHEET

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

**Product Name:** Instrusan "R.T.U."

**Recommended Use:** Cleaning and disinfecting veterinary, medical and laboratory instruments.

**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:** 7<sup>th</sup> November 2007

## Section 2: Hazards Identification

**Hazards Classification:** Not hazardous.

**Required Identification Details:**

## Section 3: Composition / Information on Ingredients:

### INGREDIENTS:

Mixture	CAS Number	Proportion
Chlorine Dioxide	10049-04-4	0.8 gm/L
Sodium bicarbonate	144-55-8	<0.009 gm/L
Water	7732-18-5	>999.19 gm/L

## Section 4: First Aid Measures:

### Description of necessary first Aid measures:

Swallowed: Non-toxic – Drink several glasses of water.

Skin: Non irritating, no action needed.

Eye: Rinse for 10 minutes using plenty of water.

Inhaled: Non-reactive. No first aid needed.

**Workplace Facilities:** Clean running water.

## Section 5: Fire Fighting Measures

**Type of Hazard:** Not hazardous.

**Fire Hazard Properties:** None.

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

**Recommended Protective Clothing:** Maintain adequate protection of skin with gloves and overalls.

## Section 6: Accidental Release Methods

**Procedures to be covered:** No special clean up measures are required for the consumer product. To avoid the possibility of bleaching, the spill should be absorbed with paper towels, and the area rinsed



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with clean water.

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## Section 7: Handling and Storage

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**Handling Practices:** Not classified as hazardous or dangerous in the meaning of transport regulations. Transport upright in original labelled container with lid securely fastened.

**Subsection 2: Storage:** Store in original labelled container with lid securely fastened.

**Store Site Requirements:** No special requirements.

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## Section 8: Exposure Controls / Personal Protection

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**Workplace Exposure Standards:** Not applicable.

**Engineering Controls:** No specific controls recommended.

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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:** Clear water-like free-flowing liquid.

**Boiling Point:** 100°C

**Vapour Pressure:** Not known.

**Specific Gravity:** 1.00

**Flash Point:** Not flammable.

**Flammability Limits:** Not flammable.

**Solubility in Water:** 100% soluble.

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## Section 10: Stability and Reactivity

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**Stability of the Substance:** Stable.

**Conditions to avoid:**

**Material to avoid:** Strong acids.

**Hazardous decomposition Products:** Thermal or other decomposition may yield chlorine dioxide or chlorine.

**Hazardous polymerization:** Will not occur.

**Specific Data:**

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## Section 11: Toxicological Information

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## Data and interpretation: Acute Effects:

**Swallowed:** Acute oral toxicity In albino rats: LD<sub>50</sub> =>1,500 mg/Kg

**Skin:** Modified Draize tests on albino rabbits showed no dermal irritation on prolonged contact.

**Eye:** Mild ocular irritant.

**Inhaled:** Albino rats exposed to a respirable aerosol made of stabilised chlorine dioxide at levels up to 2.8mg/L for 1 hour resulted in no deaths or gross pathology.

**Long Term Effects:** At the dilutions used in the raw material formulation (2000ppm) chlorine dioxide was found to be non-toxic.

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## Section 12: Ecological Information

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**Potential Environmental Considerations:** Non-toxic, non-hazardous, safe for the environment. The product is readily biodegradable according to OECD method, Modified Strum Test.

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## Section 13: Disposal Considerations

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**Disposal Information:** Triple rinse containers and recycle where appropriate.

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## Section 14: Transport Information

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**Relevant information:** Not classified as dangerous or hazardous in the meaning of transport regulations.

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## Section 15: Regulatory Information

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### Regulatory status:

USA Environmental Protection Agency Approvals – EPA (USA) Reg. No 9150-2 E.S.T. No 9150-RI-01.

ERMA New Zealand Determination for the status of Clinic Clean – Not considered hazardous File Ref: IO95-05-01 Sos 515

AgriQuality Approved for food/beverage/dairy/farms and factories, for contact surfaces, & those food rinses permitted by legislation (ref H1394bc)

MAF approval of Maintenance Compounds: Specification Sanitiser, Category C43

MAF approval of Maintenance Compounds: Specification Water disinfectant, Category C61

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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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