

VETPAK SAFETY DATA SHEET

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

Product Name: RMT Reagent "RTU"

Recommended Use: As a testing reagent to detect subclinical mastitis in dairy cows.

Company Details: Vetpak Ltd.

Address: 249 Bruce Berquist Dr, Te Awamutu 3800.

Telephone Number: (07) 870 2024

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

Date of Preparation: 22nd July 2019

Section 2: Hazards Identification

STATEMENT OF HAZARDOUS NATURE

This product is HAZARDOUS IN THIS FORM AND AT THIS STRENGTH.

Handle correctly and as directed by this SDS.

HAZARD LABELLING WARNING



HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
6.3B	Mildly irritating to skin	Category 3	Warning	H316 Causes mild skin irritation
6.4A	Serious eye irritation	Category 2	Warning	H319 Causes serious eye irritation

Prevention Statements:

P103: Read label before use.

P264: Wash hands thoroughly after use.

P280: Wear protective gloves / clothing and eye / face protection.

Section 3: Composition / Information on Ingredients:

COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Water (micro-filtered)	7732-18-5	>60	No
Chemidet PB	160901-28-0	10-30	Yes 6.3A; 8.3A
Brilliant Blue Dye	3844-45-9	<10	Yes 6.3B; 6.4A

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Section 4: First Aid Measures:

Description of necessary first Aid measures:

Swallowed: RMT Reagent "RTU" may be harmful if swallowed. In general no treatment is necessary unless large quantities of R.M.T Reagent "RTU" are ingested, however, get medical advice.

Skin: RMT Reagent "RTU" can cause mild skin irritation. Remove source of contamination. If on skin wash with plenty of soap and water. If skin irritation persists, get medical advice. Take off contaminated clothing and wash before re-use.

Eye: Direct contact of the eye with RMT Reagent "RTU" may produce eye irritation characterised by tearing or conjunctival redness as with windburn. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

Inhaled: Remove to fresh air.

Workplace Facilities: Clean running water.

Notes for Medical Personnel: Treat symptomatically.

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: Transfer by mechanical means into labelled, sealable containers for product recovery or safe disposal. Dispose spilled material and empty containers in accordance with local government regulations.

Section 7: Handling and Storage

Handling: Transport upright in original labelled container with lid securely fastened. Minimise release of the material to the environment.

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

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: Not available.

Engineering Controls: No specific controls recommended.

Personal Protective Equipment (PPE): Wear overalls, protective gloves and protective goggles.



General hygiene: Good hygiene practice requires that exposure be kept to a minimum.

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Section 9: Physical and Chemical Properties

Appearance (physical state, colour etc.): Pale blue liquid.

Odour:

pH:

Melting Point/Freezing Point (°C):

Boiling Point (°C): 100

Flash Point (°C):

Flammability: Not flammable

Lower Flammability/Explosive Limit:

Upper Flammability/Explosive Limit:

Auto-ignition Temperature (°C):

Vapour Pressure:

Vapour Density:

Relative Density:

Solubility in Water: Soluble.

Specific Gravity: 1.02 (water = 1)

Viscosity:

Section 10: Stability and Reactivity

Stability of the Substance: Stable.

Conditions to avoid: None.

Material to avoid: None.

Hazardous decomposition Products: None.

Hazardous polymerization: Does not occur.

Section 11: Toxicological Information

Acute Effects:

Swallowed: RMT Reagent "RTU" may be harmful if large amounts swallowed.

Skin: RMT Reagent "RTU" can cause mild skin irritation. Good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye: Direct contact of the eye with RMT Reagent "RTU" may produce eye irritation characterised by tearing or conjunctival redness as with windburn.

Inhaled: No effects known.

Chronic Effects: Not known.

Chronic Toxicity: No data

Irritation/Corrosion: Skin allergy and irritation

Carcinogenic Effects: Not known

Mutagenic Effects: Not suspected of causing genetic defects

Reproductive or developmental effects: Not known.

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Section 12: Ecological Information

Potential Environmental Considerations: Very harmful to aquatic life

Ecotoxicity in water:

Chronic: No Data

Phytotoxicity: No Data

Persistence and Degradability: No Data

Mobility: No Data

Bioaccumulation: No Data

BOD and COD: No Data

Products of Biodegradation: No Data

Toxicity of the Products of Biodegradation: No Data

Section 13: Disposal Considerations

Disposal Information: Triple rinse containers and recycle where appropriate. Dispose of in a landfill area in accordance with local government regulations.

Section 14: Transport Information

Hazard Class: 6.3B; 6.4A

UN Number:

Packing Group:

Hazchem Code:

Land Transport: Check regulations

Sea Transport: Check regulations

Air Transport: Check regulations

Other Information:

Section 15: Regulatory Information

HSNO Approval Number: N/A

HSNO Classifications:

6.3B (Mildly irritating to the skin)

6.4A (Irritating to the eye)

Regulatory status: No special regulatory status.

Section 16: Other Information

Interpretation and Abbreviations

Controls applying to a substance:

- * denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- (R) abbreviation for the term Regulation of the Hazardous Substances regulations

AICS – Australian Inventory of Chemical Substances

AOX – Absorbable organic halogens.

APF – Assigned Protection Factor.

BOD – Biochemical Oxygen Demand China

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COD – Chemical Oxygen Demand
DSL – Canadian Domestic Substances List.
EINECS – European Inventory of Existing Commercial Chemical Substances.
ENCS – Japanese Existing and New Chemical substances.
IARC – International Agency for Research on Cancer.
IDLH – Immediately Dangerous to Life or Health Concentrations.
ISHL – Japanese Industrial Safety and Health Law List of Chemicals.
LOEL – Lowest Observed Effect Level.
LD_{LO} – Lethal Dose Low (the lowest dosage per unit of bodyweight of a substance known to have resulted in fatality in a particular animal species).
MAK – Maximum workplace concentration in the workplace air that generally does not have known adverse effects on the health of the employee nor cause unreasonable annoyance when a person is repeatedly exposed during long periods, usually 8 hours daily, 40hour working week).
NOAA – National Oceanic and Atmospheric Administration.
NOEC – No Observed Effect Concentration.
NTP – National Toxicology Program.
NZIoC – New Zealand Inventory of Chemicals.
OECD HPV – The Organisation for Economic Co-operation and Development High Product Volume Chemicals.
PEL – Permissible exposure limit.
PPE – Personal Protective Equipment.
Prop 65 – California Proposition 65 List of Chemicals.
RTECS – Registry of Toxic Effects of Chemical substances
STEL – Short term exposure limit.
TOC – Total Organic Carbon.
TSCA – US Toxic Substances Control Act Existing Chemicals.
TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
VOC – Volatile Organic Compounds.

Date of Preparation/Review: 22 July 2019

Sources of key data used to compile the datasheet:

Manufacturers SDS
NZ EPA CCID
Health and Safety at Work (Hazardous Substances) Regulations 2017
Hazardous Substances (Minimum Degrees of Hazard) Notice 2017
Hazardous Substances (Safety Data Sheets Notice 2017
Hazardous Substances (Classification) Notice 2017
Labelling of Hazardous Substances Technical Guide 2012

DISCLAIMER

The information contained in this safety data sheet was obtained from current and reliable sources. This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

END OF SDS