

Version 1.1

Issue date 04/10/2024

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product Identifier

Product Name	RMT Reagent RTU
Other Names	None
Proper Shipping Name	None
Other means of Identification	None

Relevant identified uses of the substance or mixture

Relevant identified uses	As a testing reagent to detect subclinical mastitis in dairy cows
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Details of the supplier of the safety data sheet

Registered company name	Vetpak Limited
Address	249 Bruce Berquist Dr, Te Awamutu 3800.
Telephone	(07) 870 2024
Website	www.vetpak.co.nz
Email	sales@vetpak.co.nz

Emergency telephone numbers


Association/ Organisation	New Zealand National Poison information centre
Emergency telephone number	0800 764 766 (07) 870 2024 Vetpak. 8.00am to 5.00pm Monday to Friday except public holidays.
Other emergency telephone numbers	New Zealand emergency services 111

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification:

Hazardous according to the criteria of the Globally Harmonised System of classification and labelling of chemicals (GHS)

Label pictograms

GHS label elements	
Signal Word	WARNING

Hazard statements

HSNO	Hazard Code	GHS Category	Hazard Statement
6.3A	H 315	Category 2	Causes skin irritation
8.3A	H 318	Category 1	Causes serious eye damage

Precautionary statements prevention

P102	Keep out of reach of children
P103	Read label before use
P264	Wash hands and exposed skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statement responses

P101	If medical advice is needed, have product container or label at hand.
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
P310	Immediately call a POISON CENTER or doctor/physician.
P321	If on skin or clothing wash immediately with soap and water and remove contaminated clothing
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before re-use

Precautionary statement disposal

P501	Disposal should be through a suitably qualified contractor following the EPA guidelines
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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

CAS Number	% (weight)	Name
106901 – 28 – 0	10 – 30 %	C9-11, branched and linear, ethoxylated alcohol
3844 – 45 – 9	< 10 %	Brilliant Blue Dye
7732 – 18 – 5	To 100 %	Water

SECTION 4 – FIRST AID MEASURES

Description of first aid measures

Eye contact	<ul style="list-style-type: none">➤ Wash out immediately with fresh running water for several minutes. 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.➤ Seek medical attention immediately for assessment of the eye. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel
Skin contact	<ul style="list-style-type: none">➤ Remove contaminated clothing including footwear.➤ Flush skin and hair with running water (and soap if available).➤ Seek medical attention in event of irritation.
Inhalation	<ul style="list-style-type: none">➤ If inhaled, remove from contaminated area.➤ Get medical attention for any breathing difficulty➤ If irritation or discomfort persists, seek medical attention.
Ingestion	<ul style="list-style-type: none">➤ If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head down position, if possible) to maintain open airway and prevent aspiration.➤ Seek medical advice.
Advice to the doctor	Treat symptomatically. No action shall be taken involving any personal risk or without suitable training. Ensure that attending medical personnel are aware of the identity and nature of the product involved, and take precautions to protect themselves



SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media	<ul style="list-style-type: none"> ➤ In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions: ➤ Water - water spray ➤ Dry powder ➤ Foam ➤ Carbon dioxide (CO₂).
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Special hazards arising from the substrate or mixture

Fire incompatibility	Non flammable
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Advice for fire fighters

Fire fighting	<ul style="list-style-type: none"> ➤ Alert Fire Brigade and tell them location and nature of hazard. Clear fire area of all non-emergency personnel. ➤ Wear breathing apparatus plus protective gloves. ➤ Prevent spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. ➤ Equipment should be thoroughly decontaminated after use.
Hazardous Products of Combustion	<ul style="list-style-type: none"> ➤ Non flammable will not support combustion
Special Fire Fighting Instructions	<ul style="list-style-type: none"> ➤ Contain runoff from fire control or dilution water - Runoff may pollute waterways.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor spills	<ul style="list-style-type: none"> ➤ Clean up all spills immediately. Avoid contact with skin and eyes. Control personal contact by using protective equipment. ➤ Place in a suitable labeled container for waste disposal.
Major spills	<ul style="list-style-type: none"> ➤ Alert Emergency Services and tell them location and nature of hazard. ➤ Control personal contact by wearing protective clothing including safety goggles. ➤ Prevent, by any means available, spillage from entering drains or water courses. Recover product wherever possible. ➤ Collect residues and place in sealed containers for disposal. ➤ If contamination of drains or waterways occurs, advise Emergency Services.
Clean Up Procedures	<ul style="list-style-type: none"> ➤ Collect material and place into secure containers clearly marked.
Environmental Precautionary Measures	<ul style="list-style-type: none"> ➤ Store in original packaging. Keep containers tightly sealed to prevent contamination.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling

Safe Handling	<ul style="list-style-type: none"> ➤ Read label before use ➤ Limit all unnecessary personal contact. ➤ Wear protective clothing when risk of exposure occurs. ➤ Use in a well-ventilated area. ➤ When handling DO NOT eat, drink or smoke. ➤ Always wash hands with soap and water after handling. ➤ Avoid physical damage to containers. Use good occupational work practice. ➤ Observe manufacturer's storage and handling recommendations contained within this SDS. ➤ Make sure the containers are always in the upright position
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Storage	<ul style="list-style-type: none"> ➤ Store in a cool, dry and well-ventilated place ➤ Keep containers closed when not in use - check regularly for spills. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. ➤ Use appropriate containment to avoid environmental contamination.
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Conditions for safe storage, including any incompatibilities

Suitable container	<ul style="list-style-type: none"> ➤ Keep in the original container or an approved alternative made from a compatible material. ➤ Do not store in unlabelled containers. ➤ Store in the upright position
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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

General	No exposure standard has been established for these ingredients by WorkSafe New Zealand
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Exposure controls

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
Personal protection	
Eye and face protection	<ul style="list-style-type: none"> ➤ Safety glasses with side shields ➤ Contact lenses may pose a special hazard soft contact lenses may absorb and concentrate materials. ➤ Medical personal should be trained and readily available in the event of chemical exposure; they should begin eye irrigation and remove contact lenses as soon as practicable. Lenses should be removed at the first sign of eye irritation
Skin protection	Wear general protective gloves e.g. light weight rubber gloves
Hand / feet protection	As above for hands; wear appropriate footwear for the environment
Body protection	Overalls or PVC Aprons if available
Other protection	<ul style="list-style-type: none"> ➤ Overalls ➤ PVC Aprons ➤ PVC protective gear ➤ Eyewash facilities ➤ Ensure there is ready access to a safety shower
Work Hygienic Practices	<ul style="list-style-type: none"> ➤ Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. ➤ Workers should wash hands and face before eating, drinking and smoking. ➤ Remove contaminated clothing and protective equipment before entering eating areas. ➤ Wash contaminated clothing before reusing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Pale blue liquid	Density	Not available
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Odour	Olfactory	Specific gravity	1.02 (water = 1)
Odour threshold	Not available	Bulk density	Not available
pH	Not available	Viscosity	Not available
Melting point (°C)	Not available	Decomposition Temperature	Not available
Boiling point (°C)	100 °C	Solubility in water (g/L @ 20°C)	Not available
Flash point (°C)	Not available	Explosive properties	Not available
Flammability	Not flammable	Volatile component (% vol)	Not available

SECTION 10 – STABILITY AND REACTIVITY

General Information	Product is stable under normal conditions of use
Chemical stability	Product is stable under normal conditions of use
Conditions to avoid	None
Incompatible materials	None
Hazardous Polymerisation	Hazardous polymerisation does not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

General	No toxicology data
Inhalation	Inhalation of this product is unlikely to occur.
Ingestion	May be harmful if swallowed in large quantity
Skin	Prolonged or repeated skin contact may cause irritation and/or dermatitis.
Eyes	This material is an extreme irritant to eyes and may cause severe irritation.
Carcinogenicity	Not listed as carcinogenic
Reproductive Toxicity	Not applicable
Mutagenicity	Not suspected of causing genetic defects.
Chronic effects	None listed

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence/Degradability	Readily biodegradable
Bioaccumulation Potential	No information available
Environmental Impact	Avoid contaminating waterways, drains and sewers

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / packaging disposal	<ul style="list-style-type: none"> ➤ Dispose of product only by using according to label or at an approved landfill. Recycle where possible. ➤ Do not contaminate bodies of water with chemical or empty container. Refer to the Local council bylaws and Land Waste Management Authority. ➤ Dissolved material in excess water is normally suitable for disposal in storm water
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SECTION 14 – TRANSPORT INFORMATION

Labels required

Marine Pollutant	No
HAZCHEM	Not classified as hazardous

Land transport (ADG) - Air transport (ICAO-IATA / DGR) - Sea transport (IMDG / GGVSee)

UN Number	No data available
Packing group	No data available
UN proper shipping name	No data available
Environmental hazard	No data available
Transport hazard classes	No data available
Special precautions for user	Transport upright in the original container with the lid tightly closed

SECTION 15 – REGULATORY INFORMATION

Safety, health and environment regulations / legislation specific for the substance or mixture

GHS Codes	6.3A, 8.3A
National Inventory	Status - Approved
Australia – AICS	Yes
Europe – EINEC / ELINCS / NLP	Yes
New Zealand – NZIoC	Yes - All ingredients are on the inventory
Environmental Protection Authority (New Zealand)	This product is exempt from registration, being an oral nutritional compound compliant with S4 of the ACVM regulations 2001
Approval Code	None

SECTION 16 – OTHER INFORMATION

While Vetpak Limited in good faith has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Vetpak Limited accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

New Zealand National Poison Information Centre: 0800 764 766
 New Zealand Emergency Services: 111
 Vetpak Limited: +64 7 870 2024

Definitions and abbreviations

PC – TWA	Permissible concentration – time weighted average
PC – STEL	Permissible concentration – short term exposure limit
IARC	International agency for research on cancer
ACGIH	American conference of Government Industrial Hygiene
STEL	Short term exposure limit
TEEL	Temporary emergency exposure limit
IDLH	Immediate dangerous to life or health concentration
OSF	Odour safety factor
NOAEL	No observed adverse effect level



LOAEL	Lowest observed adverse effect level
TLV	Threshold limit value
LOD	Limit of detection
OTV	Odour threshold value
BCF	BioConcentration factors

END OF SDS

