

Section 1: Identification of the Substance and Supplier

Product name	Rotavec Corona
Recommended use	Veterinary product for the active immunisation of pregnant cows and heifers against rotavirus and coronavirus.
Company details	MSD Animal Health, 33 Whakatiki Street, Upper Hutt Phone: 0800 800 543 Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	September 2011

Section 2: Hazards Identification

Hazard classifications	This product is non-hazardous as it does not trigger any of the minimum degrees of hazard under the HSNO Act 1996.
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Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
<i>Bovine coronavirus</i> (inactive)	-	varies
<i>Bovine rotavirus</i> (inactive)	-	varies
<i>E. coli</i> K99 (pili)	-	varies
Thiomersal	54-64-8	<0.005%
Polymixin B Sulphate	1405-20-5	<0.1%
Neomycin sulphate	1405-10-3	<0.1%

Section 4: First Aid Measures

Necessary first aid measures

ACCIDENTAL SELF-INJECTION If accidental self injection occurs **seek immediate medical attention**. Accidental injection may cause necrosis or vascular spasm. This preparation contains a preservative and antibiotics which may cause allergic reactions in susceptible individuals. Take the vaccine package and this SDS with you.

SKIN CONTACT In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

EYE CONTACT In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or Poison Control Centre. If symptoms persist, consult a doctor.

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INHALATION Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

Required instructions	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
Notes for medical personnel	Contains inactivated bacterial and viral toxins. Also contains oil adjuvant. Contamination of the needle must be considered. Treat symptomatically. Antibiotics and minor surgical debridements may be necessary. Contains thimerosal and antibiotics (polymyxin B sulphate & neomycin sulphate) which may cause allergic reactions in susceptible individuals.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder or water spray.
Hazchem code	Not applicable
Recommended protective clothing	Wear self-contained breathing apparatus (SCBA) plus protective gloves.

Section 6: Accidental Release Measures

Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.
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Section 7: Handling and Storage

Precautions for safe handling	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	Not required
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Approved handlers	Not required
Conditions for safe storage	Store in original container. Keep container sealed when not in use. Keep out of reach of children.
Store site requirements	Store away from light at 2°C – 8°C. Do NOT freeze.
Packaging	PG III

Section 8: Exposure Control/Personal Protection

Workplace exposure standards	Not applicable
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL is set for this substance at this time EEL – not applicable
Personal protection	Wear chemical resistant gloves, facemask or goggles.

Section 9: Physical and Chemical Properties

Appearance	Off-white oily emulsion with no indication of phase separation
Boiling Point	Not applicable
Melting/Softening point	Not applicable
Vapour Pressure	Not applicable
Specific Gravity	Not applicable
Solubility (H ₂ O)	Not determined
Percent Volatiles	Not applicable
Evaporation Rate	Not applicable

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Extremes of temperature. Exposure to light.
Material to avoid	Avoid food products
Hazardous decomposition products	No dangerous decomposition is expected if used according to manufacturer's specifications.

Section 11: Toxicological Information

Acute effects for individual ingredients only

ORAL	Thiomersal: LD50 40mg/kg/bw (rat) [ERMANZ]
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredients only

Thiomersal has been documented as a sensitiser. [All references from NTP]

Section 12: Environmental Information**Effects for individual ingredients only**

EEL	Not applicable
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Section 13: Disposal Considerations

Disposal information	Disposal Dispose of unused contents in a suitable landfill. Container Disposal Dispose of empty container by burying in a suitable landfill, or recycle.
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information	Not classified as a dangerous good for transport
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Section 15: Regulatory Information

Regulatory status	ACVM Registration No: A8132 For conditions of registration see www.foodsafety.govt.nz Approval not required under the HSNO Act 1996. RESTRICTED VETERINARY MEDICINE
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Section 16: Other Information

Additional information	Rotavec is a registered trademark.
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