

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

<b>Product name</b>	<b>Rotavec Corona</b>
<b>Recommended use</b>	Veterinary product for the active immunisation of pregnant cows and heifers against rotavirus and coronavirus.
<b>Company details</b>	<b>Schering-Plough Animal Health Limited</b> <b>33 Whakatiki Street, Upper Hutt 5018, New Zealand</b>  <b>Phone: 0800 800 543 Fax: 0800 808 100</b> <b>Website: <a href="http://www.msd-animal-health.co.nz">www.msd-animal-health.co.nz</a></b> <b>Hours: 8 am – 5 pm, Mon – Fri</b>
<b>Emergency telephone</b>	<b>0800 764 766 (0800 POISON) 24 hours human health</b> <b>0800 243 622 (0800 CHEMCALL) 24 hours</b>
<b>Date of preparation</b>	April 2019

### Section 2: Hazards Identification

Hazard classifications	This product is considered 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%
Polymyxin 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.

<b>Required instructions</b>	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
<b>Notes for medical personnel</b>	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.
<b>Workplace facilities</b>	Emergency showers and eyewashes may be warranted depending on quantity and type of use.

### Section 5: Fire Fighting Measures

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

### Section 6: Accidental Release Measures

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental Precautions</b>	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
<b>Emergency procedures</b>	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.

### Section 7: Handling and Storage

<b>Precautions for safe handling</b>	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.
<b>Regulatory requirements</b>	None specified.
<b>Handling practices</b>	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
<b>Certified handlers</b>	Not required

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<b>Conditions for safe storage</b>	Store in original container. Keep container sealed when not in use. Keep out of reach of children.
<b>Store site requirements</b>	Store away from light at 2°C to 8°C. DO NOT FREEZE.
<b>Packaging</b>	Schedule 4.

### Section 8: Exposure Control/Personal Protection

<b>Occupational exposure limits</b>	No WES is set for this substance at this time.
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	No TEL or EEL is set for this substance at this time.
<b>Personal protection</b>	No requirements.
<b>Engineering controls</b>	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

### 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 <sub>2</sub> O)	Not determined
Percent Volatiles	Not applicable
Evaporation Rate	Not applicable

### Section 10: Stability and Reactivity

<b>Stability of the substance</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Extremes of temperature. Exposure to light.
<b>Material to avoid</b>	Avoid food products
<b>Hazardous decomposition products</b>	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 40 mg/kg/bw (rat) [EPA NZ]
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]
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### Section 12: Environmental Information

#### Effects for individual ingredients only

EEL	No EEL is set for this substance at this time.
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### Section 13: Disposal Considerations

#### Disposal information

##### Disposal

Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container.

##### Container Disposal

Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.

##### Needle Disposal

Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container

#### Reference

Current version of NZS 8409 Management of Agrichemicals

### Section 14: Transport Information

#### Relevant information

Not classified as a dangerous good for transport

### Section 15: Regulatory Information

#### Regulatory status

ACVM Registration No: A8132  
 For conditions of registration see [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz)

Approval not required under the HSNO Act 1996.

**RESTRICTED VETERINARY MEDICINE**

### Section 16: Other Information

#### Additional information

Rotavec is a registered trademark.

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