SAFETY DATA SHEET

1. Identification

Product identifier
POULVAC BURSA F

Other means of identification

Synonyms
POULVAC® BURSA F * BURSAL DISEASE LV (V877) * Bursavac * Infectious Bursal Vaccine, Live Virus (V877 Strain) * Websters Infectious Bursal Disease Vaccine (Strain V877, Live Virus) * Bursal Disease Vaccine, Live Virus (V877)

Recommended use of the chemical and restrictions on use

Recommended use
Veterinary vaccine

Restrictions on use
Not for human use

Details of manufacturer or importer

Company Name (AU)
Zoetis Australia Pty Ltd
ABN 94 156 476 425
Level 6, 5 Rider Boulevard
Rhodes NSW 2138 AUSTRALIA

Tel
1800 814 883

Fax
(02) 8876 0444

Email
productsupport.au@zoetis.com

Emergency Phone
1800 814 883 (all hours)

Police and Fire Brigade
Dial 000

If ineffective
Dial Poisons Information Centre (13 1126 from anywhere in Australia)

2. Hazard(s) identification

Classification of the hazardous chemical

Physical hazards
Not classified.

Health hazards
Not classified.

Environmental hazards
Not classified.

Label elements, including precautionary statements

Hazard symbol(s)
None.

Signal word(s)
None.

Hazard statement(s)
The mixture does not meet the criteria for classification.

Precautionary statement(s)

Prevention
Observe good industrial hygiene practices.

Response
Wash hands after handling.

Storage
Store away from incompatible materials.

Disposal
Dispose of waste and residues in accordance with local authority requirements.

Other hazards which do not result in classification
None known.

Supplemental information
Allergic reactions are possible.

3. Composition/information on ingredients

Mixture

Identity of chemical ingredients
CAS number and other unique identifiers
Concentration of ingredients (%)

Gentamicin
1403-66-3
##

Infectious bursal disease virus
Not assigned
##

Neomycin Sulfate
1405-10-3
##

Material name: POULVAC BURSA F
704
## Nystatin

1400-61-9

## Sucrose

57-50-1

### Composition comments

## 4. First-aid measures

#### Description of necessary first aid measures

**Inhalation**
Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact**
Wash off with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye contact**
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present and easy to do.

**Ingestion**
Rinse mouth. Call a physician or poison control centre immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

### Personal protection for first-aid responders

Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort. Allergic reactions are possible. Signs and symptoms might include skin rash, itching, redness or swelling. Respiratory reactions may be characterized by rhinitis, sneezing, scratchy throat, oral mucosal edema, laryngeal mucosal edema, coughing, shortness of breath, wheezing, and chest pain. Asthma like reactions occur with acute exposures in sensitized patients.

### Symptoms caused by exposure

Provide general supportive measures and treat symptomatically.

### Medical attention and special treatment

#### 5. Fire-fighting measures

**Extinguishing media**
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Suitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Unsuitable extinguishing media**
During fire, gases hazardous to health may be formed.

**Special hazards arising from the chemical**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special protective equipment and precautions for fire fighters**
Use water spray to cool unopened containers.

**Fire fighting equipment/instructions**
None.

**Hazchem code**
None.

**General fire hazards**
No unusual fire or explosion hazards noted.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
For non-emergency personnel
Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.

For emergency responders
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapour, fumes, dust and/or mist from the spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Environmental precautions**
Avoid discharge into drains, water courses or onto the ground.
Methods and materials for containment and cleaning up

Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Avoid release to the environment.

Large Spills: Stop the flow of material, if this is without risk. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Clean surface thoroughly to remove residual contamination.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

Precautions for safe handling

Ensure adequate ventilation. Wear appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid prolonged exposure. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment.

Precautions for safe handling

Store in a closed container away from incompatible materials.

8. Exposure controls and personal protection

Control parameters

Follow standard monitoring procedures.

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neomycin Sulfate (CAS 1405-10-3)</td>
<td>TWA</td>
<td>100 µg/m3</td>
</tr>
</tbody>
</table>

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sucrose (CAS 57-50-1)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Inhalable dust.</td>
</tr>
</tbody>
</table>

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sucrose (CAS 57-50-1)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Inspirable dust.</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sucrose (CAS 57-50-1)</td>
<td>TWA</td>
<td>10 mg/m3</td>
</tr>
</tbody>
</table>

UK. EH40 Workplace Exposure Limits (WELs)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sucrose (CAS 57-50-1)</td>
<td>STEL</td>
<td>20 mg/m3</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>10 mg/m3</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

OEL Additional Information: Neomycin sulfate - Sensitizer

Control banding approach

Gentamicin: Zoetis OEB 2 (control exposure to the range of 100ug/m3 to < 1000ug/m3)

Nystatin: Zoetis OEB 3 (control exposure to the range of 10ug/m3 to < 100ug/m3)

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection

If contact is likely, safety glasses with side shields are recommended.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves.

Other

Wear suitable protective clothing. Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.
Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Not applicable.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Freeze-dried preparation.

Physical state

Solid.

Form

Solid.

Colour

Not available.

Odour

Not available.

Odour threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

Not available.

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits

- Flammability limit - lower (%)
  Not available.

- Flammability limit - upper (%)
  Not available.

- Explosive limit - lower (%)
  Not available.

- Explosive limit – upper (%)
  Not available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

Not available.

Solubility(ies)

- Solubility (water) 100%

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

Not available.

Decomposition temperature

Not available.

Viscosity

Not available.

Other physical and chemical parameters

- Explosive properties Not explosive.

- Oxidising properties Not oxidising.

10. Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Contact with incompatible materials. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

No hazardous decomposition products are known.
11. Toxicological information

Information on possible routes of exposure

**Inhalation**
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin contact**
Prolonged skin contact may cause temporary irritation.
- Neomycin Sulfate
  - Species: Rabbit
  - Severity: Moderate

**Eye contact**
Direct contact with eyes may cause temporary irritation.
- Neomycin Sulfate
  - Species: Rabbit
  - Severity: Minimal
- Gentamicin
  - Species: Rabbit
  - Severity: Non-irritating

**Ingestion**
May be harmful if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms related to exposure**
Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort. Allergic reactions are possible. Signs and symptoms might include skin rash, itching, redness or swelling. Respiratory reactions may be characterized by rhinitis, sneezing, scratchy throat, oral mucosal edema, laryngeal mucosal edema, coughing, shortness of breath, wheezing, and chest pain. Asthma like reactions occur with acute exposures in sensitized patients.

**Acute toxicity**
Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gentamicin (CAS 1403-66-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intramuscular</td>
<td>Mouse</td>
<td>167 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>463 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>6600 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subcutaneous</td>
<td>Rat</td>
<td>710 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neomycin Sulfate (CAS 1405-10-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intraperitoneal</td>
<td>Mouse</td>
<td>116 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td>Oral</td>
<td>2880 mg/kg</td>
</tr>
<tr>
<td>Mouse</td>
<td>Oral</td>
<td>2750 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td>Subcutaneous</td>
<td>275 mg/kg</td>
</tr>
<tr>
<td>Mouse</td>
<td>Chronic</td>
<td>633 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td>Oral</td>
<td></td>
</tr>
<tr>
<td>NOAEL</td>
<td>Subacute</td>
<td>12 mg/kg/day, 12 months</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td>Target organ(s): Blood forming organs</td>
</tr>
<tr>
<td>NOAEL</td>
<td></td>
<td>25 mg/kg/day, 2 years</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td>Not carcinogenic</td>
</tr>
<tr>
<td>NOAEL</td>
<td></td>
<td>100 mg/kg/day, 6 weeks</td>
</tr>
<tr>
<td>Dog</td>
<td></td>
<td>No effects at maximum dose</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td><strong>Subchronic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Guinea Pig</td>
<td>10 mg/kg/day, 3 months (No effects at maximum dose)</td>
</tr>
<tr>
<td>Subcutaneous</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOAEL</td>
<td>Dog</td>
<td>20 mg/kg/day, 3 months (Target organ(s): Kidney)</td>
</tr>
<tr>
<td></td>
<td>Guinea Pig</td>
<td>10 mg/kg/day, 3 months (Target organ(s): Kidney)</td>
</tr>
<tr>
<td>Nystatin (CAS 1400-61-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>10000 mg/kg</td>
</tr>
<tr>
<td>Sucrose (CAS 57-50-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>29700 mg/kg</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td>Prolonged skin contact may cause temporary irritation.</td>
<td></td>
</tr>
<tr>
<td><strong>Corrosivity</strong></td>
<td>Neomycin Sulfate</td>
<td>Species: Rabbit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Severity: Moderate</td>
</tr>
<tr>
<td><strong>Serious eye damage/irritation</strong></td>
<td>Direct contact with eyes may cause temporary irritation.</td>
<td></td>
</tr>
<tr>
<td><strong>Eye contact</strong></td>
<td>Neomycin Sulfate</td>
<td>Species: Rabbit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Severity: Minimal</td>
</tr>
<tr>
<td>Gentamicin</td>
<td>Species: Rabbit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Severity: Non-irritating</td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitisation</strong></td>
<td>Based on available data, the classification criteria are not met. Allergic reactions are possible.</td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory sensitisation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skin sensitisation</strong></td>
<td>Based on available data, the classification criteria are not met. Allergic reactions are possible.</td>
<td></td>
</tr>
<tr>
<td><strong>Skin sensitisation</strong></td>
<td>Neomycin Sulfate</td>
<td>Severity: positive</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>Due to partial or complete lack of data the classification is not possible. No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</td>
<td></td>
</tr>
<tr>
<td><strong>Mutagenicity</strong></td>
<td>Neomycin Sulfate</td>
<td>Bacterial Mutagenicity (Ames)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Result: negative</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Species: Salmonella, E. coli</td>
</tr>
<tr>
<td>Sucrose</td>
<td>Bacterial Mutagenicity (Ames)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species: Salmonella</td>
<td></td>
</tr>
<tr>
<td>Neomycin Sulfate</td>
<td>In Vitro Chromosome Aberration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result: positive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species: Human lymphocytes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>In Vivo Cytogenetics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species: Mouse</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mammalian Cell Mutagenicity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species: Chinese Hamster Ovary (CHO) cells</td>
<td></td>
</tr>
</tbody>
</table>
Carcinogenicity
Due to partial or complete lack of data the classification is not possible.

ACGIH Carcinogens
Sucrose (CAS 57-50-1) A4 Not classifiable as a human carcinogen.

Reproductive toxicity
Due to partial or complete lack of data the classification is not possible.

Developmental effects
Neomycin Sulfate 6 mg/kg/day Prenatal & Postnatal Development, Developmental toxicity
Result: LOAEL
Species: Rat
Organ: Subcutaneous

Gentamicin 75 mg/kg/day Embryo / Fetal Development, Developmental toxicity
Result: LOAEL
Species: Rat
Organ: Intramuscular

Reproductivity
Neomycin Sulfate 25 mg/kg/day 2 Gen Reproductive Toxicity, Fetotoxicity
Result: NOAEL
Species: Rat
Organ: Oral

25 mg/kg/day Reproductive & Fertility, No effects at maximum dose
Result: NOAEL
Species: Rat
Organ: Oral

4000 mg/l Reproductive & Fertility, No effects at maximum dose
Result: NOAEL
Species: Mouse
Organ: Oral

Specific target organ toxicity - single exposure
Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - repeated exposure
Due to partial or complete lack of data the classification is not possible.

Aspiration hazard
Not an aspiration hazard.

Other information
The antigens included in this product are non-infectious. All have been prepared from attenuated preparations of microorganisms.

12. Ecological information
Ecotoxicity
Based on available data, the classification criteria are not met for hazardous to the aquatic environment. 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. Avoid release to the environment.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neomycin Sulfate (CAS 1405-10-3)</td>
<td>Activated sludge</td>
<td>399 mg/l</td>
</tr>
<tr>
<td></td>
<td>NOEC</td>
<td>&gt; 1000 mg/l, 96 Hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Salmo gairdneri (Trout)</td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>68 mg/l, 48 Hours</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Daphnia magna (Water Flea)</td>
<td></td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>No data available for this product.</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Neomycin Sulfate</td>
<td>1.2, Log D, predicted, pH 7.4</td>
</tr>
<tr>
<td>n-octanol / water (log Kow)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Material name: POULVAC BURSA F

SDS AUSTRALIA
704
7 / 10
Mobility in soil
No data available for this product.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal methods
Avoid release to the environment. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater. Dispose of contents/container in accordance with local/regional/national/international regulations.

Residual waste
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

ADG
Not regulated as dangerous goods.

RID
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information

Safety, health and environmental regulations
This Safety Data Sheet was prepared in accordance with the Australia Model Code of Practice for the preparation of safety data sheets for hazardous chemicals.

APVMA approval number: 46011
This SDS replaces version: Issued September 2014

Australia Medicines & Poisons Appendix A
Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix B
Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix D
Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix E
Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix F
Nystatin (CAS 1400-61-9)

Australia Medicines & Poisons Appendix G
Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix H
Nystatin (CAS 1400-61-9)

Australia Medicines & Poisons Appendix I
Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix J
Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix K
Poisons schedule number not allocated.
Australia Medicines & Poisons Schedule 10
  Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 2
  Nystatin (CAS 1400-61-9)

Australia Medicines & Poisons Schedule 3
  Nystatin (CAS 1400-61-9)

Australia Medicines & Poisons Schedule 4
  Gentamicin (CAS 1403-66-3)
  Nystatin (CAS 1400-61-9)

Australia Medicines & Poisons Schedule 5
  Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 6
  Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 7
  Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 8
  Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 9
  Poisons schedule number not allocated.

High Volume Industrial Chemicals (HVIC)
  Not listed.

Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)
  Not listed.

National Pollutant Inventory (NPI) substance reporting list
  Not listed.

Prohibited Carcinogenic Substances
  Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2
NOHSC:1005 (1994) as amended)
  Not listed.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)
  Not listed.

Restricted Carcinogenic Substances
  Not regulated.

International regulations
  Stockholm Convention
    Not applicable.
  Rotterdam Convention
    Not applicable.
  Kyoto Protocol
    Not applicable.
  Montreal Protocol
    Not applicable.
  Basel Convention
    Not applicable.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSIC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
</tr>
<tr>
<td>----------------------</td>
<td>----------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).**

16. Other information

Issue date 29-August-2019

Disclaimer Zoetis Inc. believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time. The information in the sheet was written based on the best knowledge and experience currently available.

Revision information

Product and Company Identification: Synonyms
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
GHS: Classification