1. Identification

Product identifier: DiroCHEK®

Other means of identification

Synonyms: DiroCHEK® Canine heartworm antigen test kit

Recommended use of the chemical and restrictions on use

Recommended use: Veterinary product used as diagnostic aid

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)

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:
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2
- Reproductive toxicity (the unborn child): Category 1B
- Specific target organ toxicity following single exposure: Category 3 respiratory tract irritation
- Specific target organ toxicity following repeated exposure: Category 2 (kidney, liver)

Environmental hazards: Not classified.

Label elements, including precautionary statements

Hazard symbol(s):
- Health hazard
- Exclamation mark

Signal word: Danger

Hazard statement(s): Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May damage the unborn child. May cause damage to organs (kidney, liver) through prolonged or repeated exposure.

Precautionary statement(s)

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapour. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Wear protective gloves. Use personal protective equipment as required.
Response
IF exposed or concerned: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell. 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/attention. Take off contaminated clothing and wash before reuse.

Storage
Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification
None known.

Supplemental information
Handle as potentially infectious.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Identity of chemical ingredients</th>
<th>CAS number and other unique identifiers</th>
<th>Concentration of ingredients (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,2-propylene Carbonate</td>
<td>108-32-7</td>
<td>5-10</td>
</tr>
<tr>
<td></td>
<td>N-methyl-2-pyrrolidone</td>
<td>872-50-4</td>
<td>5-10</td>
</tr>
<tr>
<td></td>
<td>2,2-oxbisethanol diethylene glycol</td>
<td>111-46-6</td>
<td>1-5</td>
</tr>
</tbody>
</table>

Other components below reportable levels.

4. First-aid measures

Description of necessary first aid measures

Inhalation
Move to fresh air. Call a physician if symptoms develop or persist. For breathing difficulties, oxygen may be necessary.

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

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

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
IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. For personal protection, see section 8 of the SDS.

Symptoms caused by exposure
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Oedema. Jaundice. Prolonged exposure may cause chronic effects.

Medical attention and special treatment
Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

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

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for fire fighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Move containers from fire area if you can do so without risk.

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. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Handle as potentially infectious. Do not breathe mist or vapour. Avoid contact with eyes, skin, and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Ensure adequate ventilation. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Handle as potentially infectious. The standard biosafety practices for handling infectious materials should be followed. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. 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 to original containers for re-use. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling

Do not use in areas without adequate ventilation. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Handle as potentially infectious. The standard biosafety practices for handling infectious materials should be followed. Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Store locked up. Store away from direct sunlight. Keep away from heat and sources of ignition. Keep tightly closed in a dry, cool and well-ventilated place. @ 2 - 7˚C (36 - 45˚F). Do not freeze. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls and personal protection

Control parameters

Follow standard monitoring procedures.

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Workplace</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2-oxybisethanol diethylene glycol (CAS 111-46-6)</td>
<td>TWA</td>
<td>100 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>23 ppm</td>
<td></td>
</tr>
<tr>
<td>N-methyl-2-pyrrrolidone (CAS 872-50-4)</td>
<td>TWA</td>
<td>103 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>25 ppm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Workplace</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2-oxybisethanol diethylene glycol (CAS 111-46-6)</td>
<td>TWA</td>
<td>100 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>23 ppm</td>
<td></td>
</tr>
<tr>
<td>N-methyl-2-pyrrrolidone (CAS 872-50-4)</td>
<td>STEL</td>
<td>309 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

Material name: DiroCHEK®

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### 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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA</td>
<td>75 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>103 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 ppm</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>2,2-oxybisethanol diethylene glycol (CAS 111-46-6)</td>
<td>TWA</td>
<td>101 mg/m³</td>
</tr>
<tr>
<td>N-methyl-2-pyrrolidone (CAS 872-50-4)</td>
<td>STEL</td>
<td>80 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>40 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 ppm</td>
</tr>
</tbody>
</table>

### Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-propylene Carbonate (CAS 108-32-7)</td>
<td>TWA</td>
<td>8.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>2,2-oxybisethanol diethylene glycol (CAS 111-46-6)</td>
<td>TWA</td>
<td>44 mg/m³</td>
<td>Vapour and aerosol.</td>
</tr>
<tr>
<td>N-methyl-2-pyrrolidone (CAS 872-50-4)</td>
<td>TWA</td>
<td>82 mg/m³</td>
<td>Vapour and aerosol.</td>
</tr>
</tbody>
</table>

### Biological limit values

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone (CAS 872-50-4)</td>
<td>150 mg/l</td>
<td>5-Hydroxy-N-methyl-2-pyrrolidin</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.

### ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone (CAS 872-50-4)</td>
<td>100 mg/l</td>
<td>5-Hydroxy-N-methyl-2-pyrrolidone</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.

### Exposure guidelines

#### Australia OELs: Skin designation

N-methyl-2-pyrrolidone (CAS 872-50-4) Can be absorbed through the skin.

**Appropriate engineering controls**

- Ensure adequate ventilation, especially in confined areas. General ventilation normally adequate. Provide eyewash station and safety shower.

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

**Eye/face protection**

- Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection**

- Wear appropriate chemical resistant gloves.
Wear suitable protective clothing. Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.

Respiratory protection

No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Not applicable.

Hygiene measures

Observe any medical surveillance requirements. 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

Physical state
Liquid.

Form
Liquid.

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
> 93.0 °C (> 199.4 °F) estimated

Evaporation rate
Not applicable.

Flammability (solid, gas)
Not applicable.

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)
Not available.

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. High temperatures. Sunlight. Keep away from heat, spark, open flames and other sources of ignition. Do not allow material to freeze.

Incompatible materials

### Hazardous decomposition products
Irritating and/or toxic fumes and gases may be emitted upon the product’s decomposition. Amines. Nitrogen compounds. Carbon oxides.

### 11. Toxicological information

#### Information on possible routes of exposure

<table>
<thead>
<tr>
<th>Route</th>
<th>Effects and Potential Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhalation</strong></td>
<td>May cause irritation to the respiratory system. Prolonged inhalation may be harmful.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>Causes skin irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.</td>
</tr>
</tbody>
</table>
| **Eye contact** | Causes serious eye irritation. Species: Rabbit  
Severity: Moderate |
| **Ingestion**  | May be harmful if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. |

#### Symptoms related to exposure
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Oedema. Jaundice.

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

#### Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2-oxybisethanol diethylene glycol (CAS 111-46-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>11890 mg/kg</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>7725 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>3914 mg/kg</td>
</tr>
<tr>
<td><strong>Chronic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOEL</td>
<td>Rat</td>
<td>0.4 mg/l, 2 years Not carcinogenic</td>
</tr>
<tr>
<td><strong>Subacute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Mouse</td>
<td>2500 ppm, 28 days Kidney</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>6000 ppm, 28 days None identified</td>
</tr>
</tbody>
</table>

#### Skin corrosion/irritation
Causes skin irritation.

#### Serious eye damage/irritation
Causes serious eye irritation.

| Eye contact | Species: Rabbit  
Severity: Moderate |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone</td>
<td></td>
</tr>
</tbody>
</table>

#### Respiratory or skin sensitisation
Not a respiratory sensitizer.

#### Skin sensitisation
This product is not expected to cause skin sensitisation.

#### Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

#### Mutagenicity

| N-methyl-2-pyrrolidone | Bacterial Mutagenicity (Ames)  
Result: negative  
Species: Salmonella |
|------------------------|-------------------------------|

Material name: DiroCHEK®

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

Reproductive toxicity
May damage the unborn child.

Developmental effects
N-methyl-2-pyrrolidone
0.36 mg/l Embryo / Fetal Development, Maternal Toxicity
Not Teratogenic
Result: NOEL
Species: Rat
Organ: Inhalation

237 mg/kg Embryo / Fetal Development, Maternal Toxicity
Fetotoxicity Not Teratogenic
Result: NOAEL
Species: Rat
Organ: Dermal

Reproductivity
N-methyl-2-pyrrolidone
237 mg/kg/day Reproductive & Fertility, Maternal toxicity
Fetotoxicity
Result: NOEL
Species: Rat
Organ: Dermal

Specific target organ toxicity - single exposure
May cause respiratory irritation.

Specific target organ toxicity - repeated exposure
May cause damage to organs (Kidney, Liver) through prolonged or repeated exposure.

Aspiration hazard
Not an aspiration hazard.

Other information
Handle as potentially infectious.

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.

Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2-oxybisethanol diethylene glycol (CAS 111-46-6)</td>
<td>Aquatic Fish</td>
<td>LC50 Western mosquitofish (Gambusia affinis) &gt; 32000 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available for this product.

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. Handle as potentially infectious. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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. Do not re-use empty containers.
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

15. Regulatory information

Safety, health and environmental regulations

National 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.

**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**
N-methyl-2-pyrrolidone (CAS 872-50-4)

**Australia Medicines & Poisons Appendix F**
Poisons schedule number not allocated.

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

**Australia Medicines & Poisons Appendix H**
Poisons schedule number not allocated.

**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**
2,2-oxybisethanol diethylene glycol (CAS 111-46-6)

**Australia Medicines & Poisons Schedule 2**
Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 3**
Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 4**
Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 5**
2,2-oxybisethanol diethylene glycol (CAS 111-46-6)
N-methyl-2-pyrrolidone (CAS 872-50-4)

**Australia Medicines & Poisons Schedule 6**
2,2-oxybisethanol diethylene glycol (CAS 111-46-6)
N-methyl-2-pyrrolidone (CAS 872-50-4)

**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 (IECSC)</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>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: 30-November-2016

Revision date: 13-May-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: This document has undergone significant changes and should be reviewed in its entirety.