

# SAFETY DATA SHEET



## 1. Identification

**Product identifier** VETSCAN SA Rinse B

**Other means of identification** None.

### Recommended use of the chemical and restrictions on use

**Recommended use** Liquid cleaner.

**Restrictions on use** Professional 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** Sensitization, skin Category 1

**Environmental hazards** Not classified.

### Label elements, including precautionary statements

**Hazard symbol(s)**



Exclamation  
mark

**Signal word** Warning

**Hazard statement(s)** May cause an allergic skin reaction.

### Precautionary statement(s)

**Prevention** Avoid breathing mist/vapor. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

**Response** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Storage** Store away from incompatible materials.

**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** May cause eye irritation. May cause skin irritation.

## 3. Composition/information on ingredients

### Mixture

| Identity of chemical ingredients              | CAS number and other unique identifiers | Concentration of ingredients (%) |
|---|---|----------------------------------|
| Hexahydro-1,3,5-tris(hydroxyethyl)-s-triazine | 4719-04-4                               | ≤0.2                             |
| Boric acid                                    | 10043-35-3                              | ≤0.1                             |
| Sodium borate                                 | 1303-96-4                               | ≤0.03                            |

**Composition comments** Other components below reportable levels.

#### 4. First-aid measures

##### Description of necessary first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist. Get medical advice/attention if you feel unwell.   |
| <b>Skin contact</b> | Remove contaminated clothing. Wash off immediately with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. |
| <b>Eye contact</b>  | Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Continue rinsing. Call a physician or poison control centre immediately.   |
| <b>Ingestion</b>    | 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. You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call. For personal protection, see section 8 of the SDS. 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. Wash contaminated clothing before reuse.

**Symptoms caused by exposure** Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness, and discomfort. May cause an allergic skin reaction. Dermatitis. Rash. May cause skin irritation. May cause reproductive 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 (CO<sub>2</sub>).

**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. Avoid contact with eyes, skin, and clothing. 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. Remove sources of ignition. Minimize generating airborne mists and vapors. Wear appropriate protective equipment and clothing during clean-up.

Large Spills: Stop the flow of material, if this is without risk. 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 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 handle until all safety precautions have been read and understood. Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapour. Avoid prolonged exposure. Wear personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment.

**Conditions for safe storage, including any incompatibilities**

Store locked up. Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a closed container away from incompatible materials.

**8. Exposure controls and personal protection****Control parameters**

Follow standard monitoring procedures.

**Occupational exposure limits****Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)**

| Components                    | Type | Value               |
|-------------------------------|------|---------------------|
| Sodium borate (CAS 1303-96-4) | TWA  | 5 mg/m <sup>3</sup> |

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

| Components                    | Type | Value               |
|-------------------------------|------|---------------------|
| Sodium borate (CAS 1303-96-4) | TWA  | 5 mg/m <sup>3</sup> |

**US. ACGIH Threshold Limit Values**

| Components                    | Type | Value               | Form                |
|-------------------------------|------|---------------------|---------------------|
| Boric acid (CAS 10043-35-3)   | STEL | 6 mg/m <sup>3</sup> | Inhalable fraction. |
|                               | TWA  | 2 mg/m <sup>3</sup> | Inhalable fraction. |
| Sodium borate (CAS 1303-96-4) | STEL | 6 mg/m <sup>3</sup> | Inhalable fraction. |
|                               | TWA  | 2 mg/m <sup>3</sup> | Inhalable fraction. |

**UK. EH40 Workplace Exposure Limits (WELs)**

| Components                    | Type | Value               |
|-------------------------------|------|---------------------|
| Sodium borate (CAS 1303-96-4) | TWA  | 5 mg/m <sup>3</sup> |

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

| Components                    | Type | Value                  | Form                |
|-------------------------------|------|------------------------|---------------------|
| Boric acid (CAS 10043-35-3)   | TWA  | 10 mg/m <sup>3</sup>   | Inhalable fraction. |
| Sodium borate (CAS 1303-96-4) | TWA  | 0.75 mg/m <sup>3</sup> | Inhalable fraction. |

**Biological limit values**

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

**Appropriate engineering controls**

Provide adequate general and local exhaust ventilation. Eye wash fountain and emergency showers are recommended.

**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.

|                               |  |
|-------------------------------|--|
| <b>Other</b>                  | Wear suitable protective clothing.   |
| <b>Respiratory protection</b> | In case of insufficient ventilation, wear suitable respiratory equipment. Whenever air contamination (mist, vapor or odor) is generated, respiratory protection is recommended as a precaution to minimize exposure. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. |
| <b>Thermal hazards</b>        | Not applicable.  |
| <b>Hygiene measures</b>       | 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. Contaminated work clothing should not be allowed out of the workplace.   |

## 9. Physical and chemical properties

### Appearance

|  |                 |
|--|-----------------|
| <b>Physical state</b>                          | Liquid.         |
| <b>Form</b>                                    | Liquid.         |
| <b>Colour</b>                                  | Brown.          |
| <b>Odour</b>                                   | Odourless.      |
| <b>Odour threshold</b>                         | Not available.  |
| <b>pH</b>                                      | 8.7 - 9.3       |
| <b>Melting point/freezing point</b>            | Not available.  |
| <b>Initial boiling point and boiling range</b> | 100 °C (212 °F) |
| <b>Flash point</b>                             | Not available.  |
| <b>Evaporation rate</b>                        | Not available.  |
| <b>Flammability (solid, gas)</b>               | Not applicable. |

### Upper/lower flammability or explosive limits

|                                       |                |
|---------------------------------------|----------------|
| <b>Flammability limit - lower (%)</b> | Not available. |
| <b>Flammability limit - upper (%)</b> | Not available. |
| <b>Explosive limit - lower (%)</b>    | Not available. |
| <b>Explosive limit - upper (%)</b>    | Not available. |

|                         |                |
|-------------------------|----------------|
| <b>Vapour pressure</b>  | Not available. |
| <b>Vapour density</b>   | Not available. |
| <b>Relative density</b> | Not available. |

### Solubility(ies)

|  |                |
|--|----------------|
| <b>Solubility (water)</b>                      | Soluble        |
| <b>Partition coefficient (n-octanol/water)</b> | Not available. |
| <b>Auto-ignition temperature</b>               | Not available. |
| <b>Decomposition temperature</b>               | Not available. |
| <b>Viscosity</b>                               | Not available. |

### Other physical and chemical parameters

|                             |                |
|-----------------------------|----------------|
| <b>Explosive properties</b> | Not explosive. |
| <b>Oxidising properties</b> | Not oxidising. |
| <b>Specific gravity</b>     | 1.01           |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |

|   |   |
|---|---|
| <b>Conditions to avoid</b>              | Contact with incompatible materials. Excessive heat. Sunlight. high humidity. Keep away from heat, sparks and open flame. |
| <b>Incompatible materials</b>           | Strong oxidising agents.  |
| <b>Hazardous decomposition products</b> | Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.                                  |

## 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** May cause skin irritation. May cause an allergic skin reaction.  
Boric acid Species: Human  
Severity: Mild

**Eye contact** May cause eye irritation.

**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. Exposed individuals may experience eye tearing, redness, and discomfort. May cause an allergic skin reaction. Dermatitis. Rash. May cause skin irritation. May cause reproductive effects.

**Acute toxicity** May be harmful if swallowed.

| Components                               | Species   | Test Results          |
|--|---|-----------------------|
| Boric acid (CAS 10043-35-3)              |   |                       |
| <b>Acute</b>                             |   |                       |
| <b>Dermal</b>                            |   |                       |
| LD50                                     | Rabbit  | > 2000 mg/kg          |
| <b>Inhalation</b>                        |   |                       |
| LC50                                     | Rat   | > 0.002 mg/l, 4 Hours |
| <b>Oral</b>                              |   |                       |
| LD50                                     | Rat   | 2500 mg/kg            |
| Sodium borate (CAS 1303-96-4)            |   |                       |
| <b>Acute</b>                             |   |                       |
| <b>Dermal</b>                            |   |                       |
| LD50                                     | Rabbit  | > 10000 mg/kg         |
| <b>Oral</b>                              |   |                       |
| LD50                                     | Rat   | 396 mg/kg             |
| <b>Skin corrosion/irritation</b>         | Based on available data, the classification criteria are not met. May cause skin irritation.                |                       |
| <b>Serious eye damage/irritation</b>     | Based on available data, the classification criteria are not met. May cause eye irritation.                 |                       |
| <b>Respiratory or skin sensitisation</b> |   |                       |
| <b>Respiratory sensitisation</b>         | Due to partial or complete lack of data the classification is not possible.                                 |                       |
| <b>Skin sensitisation</b>                | May cause an allergic skin reaction.  |                       |
| <b>Germ cell mutagenicity</b>            | Due to partial or complete lack of data the classification is not possible.                                 |                       |
| <b>Carcinogenicity</b>                   | Based on available data, the classification criteria are not met.   |                       |
| <b>ACGIH Carcinogens</b>                 |   |                       |
| Boric acid (CAS 10043-35-3)              | A4 Not classifiable as a human carcinogen.  |                       |
| Sodium borate (CAS 1303-96-4)            | A4 Not classifiable as a human carcinogen.  |                       |
| <b>Reproductive toxicity</b>             | Based on available data, the classification criteria are not met. May damage fertility or the unborn child. |                       |
| <b>Developmental effects</b>             |   |                       |
| Boric acid                               | 55 mg/kg/day Prenatal & Postnatal Development, Fetotoxicity<br>Result: NOAEL<br>Species: Rat<br>Organ: Oral |                       |

**Developmental effects**

Boric acid

74 mg/kg/day Prenatal & Postnatal Development,  
Developmental toxicity  
Result: NOAEL  
Species: Rat  
Organ: Oral

**Reproductivity**

Boric acid

4500 ppm Reproductive & Fertility-Males, Fertility  
Result: LOAEL  
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.

**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                           | Species   | Test Results   |
|--------------------------------------|---|--|
| Boric acid (CAS 10043-35-3)          |   |  |
| <b>Aquatic</b>                       |   |  |
| Fish                                 | LC50  | Razorback sucker ( <i>Xyrauchen texanus</i> ) > 100 mg/l, 96 hours |
| <b>Persistence and degradability</b> | No data available for this product.   |  |
| <b>Bioaccumulative potential</b>     | No data available for this product.   |  |
| <b>Mobility in soil</b>              | No data available for this product.   |  |
| <b>Other adverse effects</b>         | 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 discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. 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 established.

## 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**

Boric acid (CAS 10043-35-3)

Sodium borate (CAS 1303-96-4)

**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**

Poisons schedule number not allocated.

**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**

Boric acid (CAS 10043-35-3)

**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.

**Australia National Pollutant Inventory (NPI): Threshold quantity**

Boric acid (CAS 10043-35-3)

10 TONNES/YR Threshold Category: 1

Sodium borate (CAS 1303-96-4)

10 TONNES/YR Threshold Category: 1

**High Volume Industrial Chemicals (HVIC)**

Boric acid (CAS 10043-35-3)

1000 - 9999 TONNES See the regulation for additional information.

Sodium borate (CAS 1303-96-4)

1000 - 9999 TONNES See the regulation for additional information.

**Importation of Ozone Depleting 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**

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

\*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** 01-October-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.