Section 1 – Identification of the Material and Supplier

E.D. Oates Pty Ltd
Trading as Research Products
13-21 Maygar Boulevard
Broadmeadows, Vic, 3047

Phone: 1300 669 686 (business hours)
Fax: (03) 9359 9509
Email: customerservice@oates.com.au
Website: www.oateslaboratories.com.au

Chemical nature: Blend of alkaline salts and other ingredients.

Trade Name: BLUE PRIDE
Product Use: Laundry detergent.
Creation Date: August, 2013
This version issued: September, 2016 and is valid for 5 years from this date.

Section 2 – Hazards Identification

GHS Pictogram
GHS05: Corrosion.

GHS Signal word: DANGER

HAZARD CLASSIFICATION
Serious eye damage.
Specific target organ toxicity (single exposure).

HAZARD STATEMENT:
H320: Causes eye damage.
H335: May cause respiratory irritation.

PREVENTION
P102: Keep out of reach of children.
P233: Keep container tightly closed.
P264: Wash contacted areas thoroughly after handling.
P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE
P362: Take off contaminated clothing and wash before reuse.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313: If skin irritation occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.
P391: Collect spillage.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE
P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL
P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Blue granular solid.
Odour: Lemon fragrance.

Major Health Hazards: Causes eye damage. May cause respiratory irritation.

SUSMP Classification: S5 (CAUTION).

### Potential Health Effects

#### Inhalation:
**Short Term Exposure:** Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

**Long Term Exposure:** No data for health effects associated with long term inhalation.

#### Skin Contact:
**Short Term Exposure:** Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.

**Long Term Exposure:** No data for health effects associated with long term skin exposure.

#### Eye Contact:
**Short Term Exposure:** Causes severe eye damage. Severe eye irritation, watering and redness, can cause burns to the eye. Risk of serious or permanent eye lesions.

**Long Term Exposure:** No data for health effects associated with long term eye exposure.

#### Ingestion:
**Short Term Exposure:** Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

**Long Term Exposure:** No data for health effects associated with long term ingestion.

#### Carcinogen Status:
SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC.

### Section 3 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Conc., %</th>
<th>TWA (mg/m³)</th>
<th>STEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium metasilicate pentahydrate</td>
<td>10213-79-3</td>
<td>&lt;10</td>
<td>not set</td>
<td>not set</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>&lt;60</td>
<td>not set</td>
<td>not set</td>
</tr>
<tr>
<td>Benzenesulfonic acid, C10-16-alkyl derivatives</td>
<td>68584-22-5</td>
<td>&lt;8</td>
<td>not set</td>
<td>not set</td>
</tr>
<tr>
<td>Other non-hazardous ingredients</td>
<td>secret</td>
<td>to 100</td>
<td>not set</td>
<td>not set</td>
</tr>
</tbody>
</table>

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

### Section 4 – First Aid Measures

#### General Information:
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 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

**Skin Contact:** Quickly and gently brush away excess particles. Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove...
contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.  
**Eye Contact:** Quickly and gently brush particles from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.  
**Ingestion:** If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

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**Section 5 – Fire Fighting Measures**

**Fire and Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire.  
**Extinguishing Media:** Not combustible. Use extinguishing media suited to burning materials.  
**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** Does not burn.  
**Upper Flammability Limit:** Does not burn.  
**Lower Flammability Limit:** Does not burn.  
**Autoignition temperature:** Not applicable - does not burn.  
**Flammability Class:** Does not burn.

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**Section 6 – Accidental Release Measures**

**Accidental release:** This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

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**Section 7 – Handling and Storage**

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.  
**Storage:** This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

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**Section 8 – Exposure Controls and Personal Protection**

The following Australian Standards will provide general advice regarding safety clothing and equipment:  
**Respiratory equipment:** AS/NZS 1715.  
**Protective Gloves:** AS 2161.  
**Occupational Protective Clothing:** AS/NZS 4501 set 2008.  
**Industrial Eye Protection:** AS1336 and AS/NZS 1337.  
**Occupational Protective Footwear:** AS/NZS2210.  

**SWA Exposure Limits**  
**TWA (mg/m³)** | **STEL (mg/m³)**  
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Exposure limits have not been established by SWA for any of the significant ingredients in this product.  
No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.  
**Ventilation:** This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

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**SAFETY DATA SHEET**

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

E.D. Oates Pty Ltd  
13-21 Maygar Boulevard, Broadmeadows Vic 3047  
Customer Service: 1300 669 686 | Website: www.oateslaboratories.com.au  
Oates is a division of GUD Holdings Ltd  
ABN 61 004 329 462  
ABN 99 004 400 891
Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask. Otherwise, not normally necessary.

Eyebaths or eyewash stations and safety deluge showers should be provided near to where this product is being handled commercially.

Section 9 – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical Description &amp; colour:</th>
<th>Blue granular solid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour:</td>
<td>Lemon fragrance.</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Decomposes before boiling at 100kPa.</td>
</tr>
<tr>
<td>Freezing/Melting Point:</td>
<td>No specific data. Solid at normal temperatures.</td>
</tr>
<tr>
<td>Volatiles:</td>
<td>Nil at 100°C.</td>
</tr>
<tr>
<td>Vapour Pressure:</td>
<td>Nil at normal ambient temperatures.</td>
</tr>
<tr>
<td>Vapour Density:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>No data.</td>
</tr>
<tr>
<td>Water Solubility:</td>
<td>Soluble.</td>
</tr>
<tr>
<td>pH:</td>
<td>11.0-12.0 (1% in water)</td>
</tr>
<tr>
<td>Volatility:</td>
<td>Nil at normal ambient temperatures.</td>
</tr>
<tr>
<td>Odour Threshold:</td>
<td>No data.</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Coeff Oil/water Distribution:</td>
<td>No data</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Autoignition temp:</td>
<td>Not applicable - does not burn.</td>
</tr>
</tbody>
</table>

Section 10 – Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Keep containers tightly closed. Containers should be kept dry.

Incompatibilities: water, acids, zinc, tin, aluminium and their alloys.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. Combustion forms carbon dioxide, usually without carbon monoxide and smoke. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Sodium, phosphorus and silicon compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 – Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium metasilicate pentahydrate</td>
<td>H290: May be corrosive to metals.</td>
</tr>
<tr>
<td></td>
<td>H314: Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td></td>
<td>H335: May cause respiratory irritation.</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>H319: Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H290</td>
<td>May be corrosive to metals.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H334</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled.</td>
</tr>
</tbody>
</table>

**Health Effects – Acute**

- **Swallowed**: May be irritating to digestive system if swallowed.
- **Eye**: Causes serious eye damage.
- **Skin**: May cause skin irritation.
- **Inhaled**: Avoid breathing dust.

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**Section 12 – Ecological Information**

This product is unlikely to adversely affect the environment. Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities. However, until diluted or neutralised it will kill all aquatic organisms it contacts due to extreme pH.

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**Section 13 – Disposal Considerations**

**Disposal**: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

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**Section 14 – Transport Information**

**ADG Code**: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

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**Section 15 – Regulatory Information**

**AICS**: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredient: Alkaline salts, is mentioned in the SUSMP.

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**Section 16 – Other Information**

This SDS contains only safety-related information. For other data see product literature.

**Emergency Contact**: Phone 13 11 26 (Australia wide)

**Acronyms:**

- **ADG Code**: Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
- **AICS**: Australian Inventory of Chemical Substances
- **SWA**: Safe Work Australia, formerly ASCC and NOHSC
- **CAS number**: Chemical Abstracts Service Registry Number
- **IARC**: International Agency for Research on Cancer
- **NOS**: Not otherwise specified
- **NTP**: National Toxicology Program (USA)
- **R-Phrase**: Risk Phrase
- **SUSMP**: Standard for the Uniform Scheduling of Medicines & Poisons
- **UN Number**: United Nations Number

Please read all labels carefully before using product.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This SDS is prepared in accord with the SWA document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals” (February 2016).