



## SAFETY DATA SHEET

BRS AUSTRALIA

Product: **MAG WHEEL CLEANER**

### SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**SUPPLIER:** BRS AUSTRALIA PTY LTD  
**ADDRESS:** P.O. Box 1071 Ashmore City, QLD 4214  
**Trade Name:** **MAG WHEEL CLEANER**  
**TELEPHONE:** 07 3807 7400 **FAX:** 07 3807 7491  
**AH EMERGENCY TELEPHONE:** 13 1126 in Australia **ABN:** 19 158 969 754  
**Substance:** Water Based **Product Use:** Degreaser  
**Creation Date:** APRIL 2016 **Revision Date:** APRIL 2021  
**Product Code:** OMG/XMK

### SECTION 2 – HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

|  |  |
|--|--|
| <b>Safework Australia Classification</b> | Hazardous Xi<br>eye irritant R36<br>skin irritant R38    |
| <b>Poisons Schedule</b>                  | S5 (ALKALINE SALTS)                                      |
| <b>HSNO Category</b>                     | 6.3A, 6.4A   |
| <b>ADG Code</b>                          | Not classified as dangerous goods                        |
| <b>GHS Classification</b>                | Eye Irritation Category 2A<br>Skin Irritation Category 2 |

#### Label elements

##### GHS label pictograms



GHS 07

##### Signal word

**Warning**

#### Hazard statements

|      |                               |
|------|-------------------------------|
| H319 | Causes serious eye irritation |
| H315 | Causes skin irritation.       |

#### Precautionary statements: General

|      |   |
|------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.  |
| P103 | Read label before use.  |

#### Precautionary Statements: Prevention

|      |                                       |
|------|---------------------------------------|
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear eye protection/ face protection. |
| P280 | Wear protective gloves.               |



## SAFETY DATA SHEET

BRS AUSTRALIA

Product: **MAG WHEEL CLEANER**

### Precautionary statements: Response

|                    |  |
|--------------------|--|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337 + P313        | If eye irritation persists: Get medical advice/attention.  |
| P302+ P352         | IF ON SKIN: Wash with plenty of soap and water.  |
| P321               | Specific treatment (see First Aid Measures on Safety Data Sheet).  |
| P332 + P313        | If skin irritation occurs: Get medical advice/attention.   |
| P362               | Take off contaminated clothing and wash before reuse.  |

### Precautionary statements: Storage

|  |  |
|--|--|
|  |  |
|--|--|

### Precautionary statements: Disposal

|  |  |
|--|--|
|  |  |
|--|--|

### Note

|                  |   |
|------------------|---|
| <b>IMPORTANT</b> | This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied.<br>When diluted to 1:5 or greater they no longer apply.<br>However, good hygiene and housekeeping practices should be adhered to. |
|------------------|---|

### EMERGENCY OVERVIEW

|                             |              |                  |                    |
|-----------------------------|--------------|------------------|--------------------|
| <b>Colour</b>               | Yellow/Green | <b>Odour</b>     | characteristic     |
| <b>Physical Description</b> | Liquid       | <b>Viscosity</b> | Non-viscous liquid |

## SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

| Ingredients:  | CAS Number: | Proportion: |
|---|-------------|-------------|
| Sodium dodecylbenzene sulphonate                                    | 25155-30-0  | <10% w/w    |
| Ethylene glycol monobutyl ether                                     | 111-76-2    | < 10% w/w   |
| Disodium metasilicate   | 6834-92-0   | < 10% w/w   |
| Ingredients determined to be non-hazardous (chelating agents, dyes) | various     | < 10% w/w   |
| Water   | 7732-18-5   | To 100% w/w |

|              |  |
|--------------|--|
| <b>NOTE:</b> | Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011.<br>Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects. |
|--------------|--|

## SECTION 4 – FIRST AID MEASURES

|                             |   |
|-----------------------------|---|
| <b>Scheduled Poisons</b>    | Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766). |
| <b>First Aid Facilities</b> | Normal washroom facilities.   |



## SAFETY DATA SHEET

BRS AUSTRALIA

Product: **MAG WHEEL CLEANER**

|                                      |  |
|--------------------------------------|--|
| <b>Skin contact</b>                  | Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.   |
| <b>Eye contact</b>                   | Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).  |
| <b>Ingestion</b>                     | Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).    |
| <b>Inhalation</b>                    | Remove victim to fresh air away from exposure - avoid becoming a casualty. Seek medical advice (e.g. doctor).  |
| <b>Advice to Doctor</b>              | Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. |
| <b>Aggravated Medical Conditions</b> | None known.  |

### Symptoms caused by exposure

- Ingestion may result in nausea and vomiting.
- Skin contact may result in irritation, redness, pain, rash, dermatitis.
- Eye contact may result in irritation, lacrimation, pain, redness, conjunctivitis.
- Inhalation over exposure may result in mucous membrane irritation of the respiratory tract and coughing.

## SECTION 5 – FIRE FIGHTING MEASURES

### Suitable extinguishing equipment / media

|                         |   |
|-------------------------|---|
| <b>Extinguish media</b> | Not combustible, however if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder). |
|-------------------------|---|

### Special hazards arising from the chemical

|                             |             |
|-----------------------------|-------------|
| <b>Fire incompatibility</b> | None known. |
|-----------------------------|-------------|

### Special protective equipment and precautions for fire fighters

|                              |   |
|------------------------------|---|
| <b>Fire Fighting</b>         | <ul style="list-style-type: none"><li>• Move people from immediate area; keep upwind.</li><li>• Stop leak if safe to do so.</li><li>• Send messenger to notify fire brigade and police.</li><li>• Tell them location, material quantity and emergency contact.</li><li>• Indicate condition of vehicle and damage or injuries observed.</li><li>• Warn other traffic.</li></ul> |
| <b>Fire/Explosion Hazard</b> | <ul style="list-style-type: none"><li>• Water based. Not combustible.</li><li>• However if involved in a fire will emit toxic fumes.</li></ul>  |

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures



| <b>SAFETY DATA SHEET</b> |                                   |
|--------------------------|-----------------------------------|
| <b>BRS AUSTRALIA</b>     | Product: <b>MAG WHEEL CLEANER</b> |

|                     |  |
|---------------------|--|
| <b>Minor spills</b> | <ul style="list-style-type: none"> <li>Clean up all spills immediately.</li> <li>Avoid breathing vapours and contact with skin and eyes.</li> <li>Control personal contact with the substance, by using protective equipment.</li> <li>For small spills (&lt; 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.</li> </ul>  |
| <b>Major spills</b> | <ul style="list-style-type: none"> <li>Stop leak if safe to do so.</li> <li>In the event of a major spill, prevent spillage from entering drains or water courses.</li> <li>Send messenger to notify fire brigade and police.</li> <li>Tell them location, material quantity and emergency contact.</li> <li>Indicate condition of vehicle and damage or injuries observed.</li> <li>Warn other traffic.</li> <li>Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination.</li> <li>Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions.</li> <li>Residual deposits will remain slippery.</li> <li>Wash area down with excess water.</li> <li>If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.</li> </ul> |

| <b>Environmental precautions</b> |   |
|----------------------------------|---|
|                                  | <ul style="list-style-type: none"> <li>Use appropriate containment to avoid environmental contamination.</li> <li>Prevent from spreading and entering waterway using sand, earth or other appropriate barriers.</li> <li>Ventilate contaminated area thoroughly.</li> </ul> |

| <b>Methods and materials for containment and cleaning up</b> |  |
|--|--|
|  | <ul style="list-style-type: none"> <li>Avoid contact with spilled or released material.</li> <li>Shut off leaks, if possible without personal risks.</li> <li>Isolate hazard area and deny entry to unnecessary or unprotected personnel.</li> <li>Personal protective equipment advice is contained in Section 8 of the SDS.</li> </ul> |

## Section 7 – Handling and Storage

| <b>Precautions for safe handling</b> |  |
|--------------------------------------|--|
| <b>Safe handling</b>                 | <ul style="list-style-type: none"> <li>Wear prescribed protective clothing.</li> <li>Use in well ventilated area.</li> <li>Do NOT eat, drink or smoke when handling.</li> <li>Wash hands after use.</li> </ul> |

| <b>SAFETY DATA SHEET</b> |                                   |
|--------------------------|-----------------------------------|
| <b>BRS AUSTRALIA</b>     | Product: <b>MAG WHEEL CLEANER</b> |



|                          |   |
|--------------------------|---|
|                          | <ul style="list-style-type: none"> <li>Keep containers closed tightly when not in use.</li> <li>Store in accordance to manufacturers instructions.</li> </ul>   |
| <b>Other information</b> | <ul style="list-style-type: none"> <li>Store in original containers.</li> <li>Store in a cool, dry, well ventilated area out of direct sunlight.</li> <li>Store in approved cupboards or storage containers.</li> </ul> |

| <b>Conditions for safe storage, including any incompatibilities</b> |  |
|---|--|
| <b>Suitable container</b>   | Bulk storage tanks should be bunded.<br>Store in original containers provided by the manufacturer.                                     |
| <b>Storage incompatibility</b>                                      | Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat.<br>Do not store near strong oxidants. |

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

|   |   |
|---|---|
| <b>Exposure Limits:</b><br><b>MAG WHEEL CLEANER</b> | From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia – None available for this product. |
|---|---|

| <b>Ingredients data</b>       |                                 |                                 |                       |                       |               |               |
|-------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|---------------|---------------|
| Source                        | Ingredient                      | Material name                   | TWA                   | STEL                  | Peak          | Notes         |
| Australian Exposure Standards | Ethylene glycol monobutyl ether | Ethylene glycol monobutyl ether | 20ppm<br>(96.9 mg/m3) | 50 ppm<br>(242 mg/m3) | Not available | Not available |

|   |   |
|---|---|
| <b>Biological Limit Value</b>   | None established for product.   |
| <b>Engineering Controls</b>   | Ensure ventilation is adequate to maintain air concentrations below exposure standards.<br>Use only in a well-ventilated area.  |
| <b>Personal Protective Equipment</b>  | Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available; |
| <b>Eye Protection</b><br>  | Eye and face protection recommended.<br>The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc.<br>Contact lenses pose a special hazard ; soft lenses may absorb irritants and all lenses concentrate them.   |
| <b>Skin Protection</b><br> | Gloves are recommended.<br>Work clothes, work boots and gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting, etc (as per AS/NZS 2161, or as recommended by supplier).   |
| <b>Protective Material Types</b>  | Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.   |

## SAFETY DATA SHEET

**BRS AUSTRALIA**

Product: **MAG WHEEL CLEANER**

### Respirator



Generally not required for typical applications as per label directions.

If work practices do not maintain airborne level below exposure standards, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|                                  |                             |                                       |                     |
|----------------------------------|-----------------------------|---------------------------------------|---------------------|
| Physical State                   | Non-viscous liquid          | Colour                                | Green               |
| Odour                            | characteristic odour        | Specific Gravity                      | 1.02 – 1.04 @ 25 °C |
| Boiling Point                    | Approximately 100 °C        | Freezing Point                        | Approximately 0 °C  |
| Vapour Pressure                  | Not available               | Vapour Density                        | Not available       |
| Flash Point                      | Not flammable               | Flammable Limits                      | none                |
| Water Solubility                 | Miscible in all proportions | pH                                    | 11.5 – 12.5 neat    |
| Volatile Organic Compounds (VOC) | 0 % v/v                     | Coefficient of Water/Oil Distribution | Not available       |
| Viscosity                        | Not available               | Odour Threshold                       | Not available       |
| Evaporation Rate                 | Not available               | Per Cent Volatile                     | Ca 85 % v/v         |

## SECTION 10 – STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Chemical Stability</b>               | Stable at normal temperatures and pressure.  |
| <b>Conditions to Avoid</b>              | None known.  |
| <b>Incompatible Materials</b>           | Can react with strong oxidizing agents.  |
| <b>Hazardous Decomposition Products</b> | Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. |
| <b>Hazardous Reactions</b>              | None known.  |

## SECTION 11 – TOXICOLOGICAL INFORMATION

|                                    |   |
|------------------------------------|---|
| <b>PRODUCT MIXTURE INFORMATION</b> |   |
| <b>POTENTIAL HEALTH EFFECTS</b>    |   |
| <b>Ingestion</b>                   |   |
| <b>short term exposure</b>         | Swallowing large amounts of this product can cause stomach irritation, nausea and diarrhea.                 |
| <b>long term exposure</b>          | No information available.   |
| <b>Skin contact</b>                |   |
| <b>short term exposure</b>         | Prolonged contact with concentrated solutions may be irritating.  |
| <b>long term exposure</b>          | Prolonged and repeated skin contact with solutions may induce eczematoid dermatitis in certain individuals. |
| <b>Eye contact</b>                 |   |
| <b>short term exposure</b>         | Eye contact may result in irritation, lacrimation, pain, redness, conjunctivitis.                           |
| <b>long term exposure</b>          | Repeated overexposure may lead to chronic conjunctivitis.   |
| <b>Inhalation</b>                  |   |
| <b>short term exposure</b>         | Exposure to intentionally generated mists of this product may cause slight nose and throat irritation.      |
| <b>long term exposure</b>          | No information available.   |
| <b>Carcinogen Status</b>           |   |
| <b>NOHSC</b>                       | No significant ingredient is classified as carcinogenic by NOHSC.   |
| <b>NTP</b>                         | No significant ingredient is classified as carcinogenic by NTP.   |
| <b>IARC</b>                        | No significant ingredient is classified as carcinogenic by IARC.  |



# SAFETY DATA SHEET

**BRS AUSTRALIA**

Product: **MAG WHEEL CLEANER**

|  |                           |
|--|---------------------------|
| <b>Medical conditions aggravated by exposure</b> | No information available. |
|--|---------------------------|

## MAG WHEEL CLEANER

|                 |  |                   |                              |
|-----------------|--|-------------------|------------------------------|
| <b>TOXICITY</b> | Not toxic, based on ingredients.<br>Oral LD50 (calculated ATE mix) :<br>2500 – 3600 mg/L | <b>IRRITATION</b> | Irritating to skin and eyes. |
|-----------------|--|-------------------|------------------------------|

### CLASSIFICATION OF INDIVIDUAL INGREDIENTS

**NOTE : This information relates to each individual ingredient, when evaluated as pure undiluted chemical.  
See SECTION 3 for actual proportions of ingredients present in this product.**

#### Sodium dodecylbenzenesulphonate 100%

|  |   |                                 |  |
|--|---|---------------------------------|--|
| <b>Acute Toxicity</b>                  | 438 mg/kg oral-rat LD50; 1330 mg/kg oral-mouse LD50; 105 mg/kg intravenous-mouse LD50; 3040 mg/kg/30 day(s) continuous oral-rat TDLo; 5 gm/kg/30 day(s) intermittent oral-mouse TDLo. | <b>Carcinogenicity</b>          | Not listed as a carcinogen NTP, IARC, OSHA, EPA. |
| <b>Skin Irritation/Corrosion</b>       | 20 mg/24 hour(s) skin-rabbit moderate; 250 ug/24 hour(s) eyes-rabbit severe; 1 percent eyes-rabbit severe.  | <b>Reproductivity</b>           | No data available                                |
| <b>Serious Eye Damage/Irritation</b>   | EYE IRRITATION (rabbit): Severe eye irritant  | <b>STOT – Single Exposure</b>   | No data available                                |
| <b>Respiratory or Skin sensitivity</b> | No data available   | <b>STOT – Repeated Exposure</b> | No data available                                |
| <b>Mutagenicity</b>                    | No data available   | <b>Aspiration Hazard</b>        | No data available                                |

#### Disodium metasilicate 100%

|  |  |                                 |  |
|--|--|---------------------------------|--|
| <b>Acute Toxicity</b>                  | Material will cause chemical burns. Oral LD50 (rat): 1152-1349 mg/kg bw<br>Dust is severely irritant to the respiratory tract. Inhalation LC50 (rat) > 2,06 g/m3 | <b>Carcinogenicity</b>          | NO   |
| <b>Skin Irritation/Corrosion</b>       | Skin: Material will cause chemical burns. Dermal LD50 (rat) > 5000 mg/kg bw.   | <b>Reproductivity</b>           | Effects on fertility: NOAEL (rat) > 159 mg/kg bw/d.<br>Developmental toxicity: NOAEL (mouse) > 200 mg/kg bw/d. |
| <b>Serious Eye Damage/Irritation</b>   | YES Eye: Material will cause chemical burns. May cause permanent damage if eye is not immediately irrigated.   | <b>STOT – Single Exposure</b>   | Irritating to respiratory system.  |
| <b>Respiratory or Skin sensitivity</b> | Not sensitising (LLNA).  | <b>STOT – Repeated Exposure</b> | NOAEL oral (rat): 227 mg/kg bw/d<br>NOAEL oral (mouse): 260 mg/kg bw/d.  |
| <b>Mutagenicity</b>                    | No evidence of genotoxicity. In vitro/in vivo negative.  | <b>Aspiration Hazard</b>        | NO   |

#### Ethylene glycol monobutyl ether 100%

|                                  |   |                        |  |
|----------------------------------|---|------------------------|--|
| <b>Acute Toxicity</b>            | LD50 Rat oral 1.48 g/kg, LD50 Mouse oral 1.2 g/kg, LD50 Rabbit oral 0.32g/kg, LD50 Guinea pig oral 1.2 g/kg                             | <b>Carcinogenicity</b> | NO   |
| <b>Skin Irritation/Corrosion</b> | LD50 Rabbit dermal 400 mg/kg.<br>500 mg open skin-rabbit mild<br>100mg eyes - rabbit severe<br>100mg/24 hour(s) eyes – rabbit moderate. | <b>Reproductivity</b>  | In a two-generation reproductive toxicity study, fertility was reduced in mice only at very high doses (> 1000 mg/kg) which were severely toxic to the adults. In comparative studies with glycol ethers, 2-butoxyethanol did not cause testicular |



| <b>SAFETY DATA SHEET</b> |                                   |
|--------------------------|-----------------------------------|
| <b>BRS AUSTRALIA</b>     | <b>Product: MAG WHEEL CLEANER</b> |

|  |   |                                 |               |
|--|---|---------------------------------|---------------|
|  |   |                                 | degeneration. |
| <b>Serious Eye Damage/Irritation</b>   | No  | <b>STOT – Single Exposure</b>   | NO            |
| <b>Respiratory or Skin sensitivity</b> | Not sensitising (LLNA).                                 | <b>STOT – Repeated Exposure</b> | NO            |
| <b>Mutagenicity</b>                    | No evidence of genotoxicity. In vitro/in vivo negative. | <b>Aspiration Hazard</b>        | NO            |

## SECTION 12 – ECOLOGICAL INFORMATION

| Aquatic Toxicity                   |   |
|------------------------------------|---|
| <b>MAG WHEEL CLEANER (as sold)</b> | Acute Aquatic Toxicity (Calculated) LC50: 33 – 43 mg/L.<br>Acute Aquatic Toxicity Category 3. Harmful to aquatic life. LC50 10 - 100mg/L.   |
| Sodium dodecylbenzenesulphonate    | LC50 - Oncorhynchus mykiss (rainbow trout) - 3.2 - 5.6 mg/l - 96 h  |
| Disodium metasilicate              | semi-static test LC50 - Danio rerio (zebra fish) - 210 mg/l - 96 h (ISO 7346/1)<br>The following data is reported for sodium silicates on a 100% solids basis: A 96 hour median tolerance for fish (Gambusia affinis) of 2320 ppm; a 96 hour median tolerance for water fleas (Daphnia magna) of 247 ppm; a 96 hour median tolerance for snail eggs (Lymnea) of 632 ppm; and a 96 hour median tolerance for Amphipoda of 160 ppm. Physical/Chemical: Sinks and dissolves in water.  |
| Ethylene glycol monobutyl ether    | 96hr LC50 (fathead minnow): 2137 mg/L (Orica) Toxicity to fish LC50 - other fish - 220 mg/l - 96 (Sigma) Assessment of aquatic toxicity: There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.<br>Toxicity to fish: LC50 (96 h) > 1,000 mg/l, Oncorhynchus mykiss (OECD Guideline 203, static) The details of the toxic effect relate to the nominal concentration.<br>Aquatic invertebrates: EC50 (48 h) 1,550 mg/l, Daphnia magna (DIN EN ISO 6341, static) The details of the toxic effect relate to the nominal concentration.<br>Aquatic plants: EC50 (72 h) 1,840 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static) The details of the toxic effect relate to the nominal concentration.<br>Microorganisms/Effect on activated sludge: EC20 (16 h) > 700 mg/l, Pseudomonas putida (DIN 38412 Part 8, static)<br>Chronic toxicity to aquatic invertebrates: No observed effect concentration (21 d), 100 mg/l, Daphnia magna (OECD Guideline 211, semistatic) |

| Persistence and degradability   |   |                  |
|---------------------------------|---|------------------|
| Ingredient                      | Persistence: Water/Soil   | Persistence: Air |
| Sodium dodecylbenzenesulphonate | Readily biodegradable - according to Australian Standard AS4351.  | Not Available    |
| Disodium metasilicate           | No information available on persistence/degradability for this product  | Not Available    |
| Ethylene glycol monobutyl ether | Readily biodegradable (according to OECD criteria).<br>Elimination information: 96 % BOD of the ThOD (14 d) (OECD 301C; ISO 9408; 92/69/EEC, C.4-F) (aerobic, Inoculum conforming to MITI requirements (OECD 301C)) | Not Available    |





## SAFETY DATA SHEET

BRS AUSTRALIA

Product: **MAG WHEEL CLEANER**

| Bioaccumulative potential       |  |
|---------------------------------|--|
| Ingredient                      | Bioaccumulation  |
| Sodium dodecylbenzenesulphonate | No bioaccumulation is expected.  |
| Disodium metasilicate           | No information available on bioaccumulation for this product.  |
| Ethylene glycol monobutyl ether | Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected. |

| Mobility in soil                |   |
|---------------------------------|---|
| Ingredient                      | Mobility  |
| Sodium dodecylbenzenesulphonate | Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.  |
| Disodium metasilicate           | No information available on mobility for this product. Soluble in water.  |
| Ethylene glycol monobutyl ether | The substance will not evaporate into the atmosphere from the water surface. Absorption to solid soil phase is not expected. 2-butoxyethanol: Highly mobile in soil and likely to volatilize from moist or dry soil surfaces. Expected to volatilize from surface waters and not likely to adsorb to suspended solids and sediment in water. Ethane-1,2-diol: Partitioning mainly to water. High mobility in soil pore waters and little volatilization to air. |

### SECTION 13 – DISPOSAL CONSIDERATIONS

|                 |   |
|-----------------|---|
| <b>Disposal</b> | To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septic, and grey water systems. For larger scale use, eg. truck washing depot, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer. |
|-----------------|---|

### SECTION 14 – TRANSPORT INFORMATION

| ADG CODE – ROAD & RAIL |                |                            |                |
|------------------------|----------------|----------------------------|----------------|
| <b>UN Number</b>       | none allocated | <b>ADG Classification</b>  | none allocated |
| <b>Shipping Name</b>   | none allocated | <b>ADG Subsidiary Risk</b> | none allocated |
| <b>Hazchem Code</b>    | none allocated | <b>Packing Group</b>       | none allocated |

### SECTION 15 – REGULATORY INFORMATION

|                            |  |
|----------------------------|--|
| <b>SAFE WORK AUSTRALIA</b> | HAZARDOUS/EYE IRRITANT R36, R38.                         |
| <b>GHS Classification</b>  | Eye Irritation Category 2A<br>Skin Irritation Category 2 |
| <b>HSNO Category</b>       | 6.3A, 6.4A   |
| <b>ADG Code</b>            | None allocated   |
| <b>AICS</b>                | All ingredients present on AICS.                         |

### SECTION 16 – OTHER INFORMATION

|                 |  |
|-----------------|--|
| <b>Acronyms</b> |  |
|-----------------|--|



| <b>SAFETY DATA SHEET</b> |                                   |
|--------------------------|-----------------------------------|
| <b>BRS AUSTRALIA</b>     | Product: <b>MAG WHEEL CLEANER</b> |

|                              |  |                  |              |
|------------------------------|--|------------------|--------------|
| <b>GHS</b>                   | Global System of Harmonisation.  |                  |              |
| <b>ADG Code</b>              | Australian Code for the Transport of Dangerous Goods by Road and Rail.   |                  |              |
| <b>CAS Number</b>            | Chemical Abstracts Service Registry Number.  |                  |              |
| <b>UN Number</b>             | United Nations Number.   |                  |              |
| <b>HAZCHEM</b>               | An emergency action code of numbers and letters which gives information to emergency services.   |                  |              |
| <b>SUSMP</b>                 | Standard for the Uniform Scheduling of Medicines and Poisons   |                  |              |
| <b>NOHSC</b>                 | National Occupational Health and Safety Commission.  |                  |              |
| <b>NTP</b>                   | National Toxicology Program (USA).   |                  |              |
| <b>IARC</b>                  | International Agency for Research on Cancer.   |                  |              |
| <b>AICS</b>                  | Australian Inventory of Chemical Substances.   |                  |              |
| <b>TWA</b>                   | Time Weighted Average  |                  |              |
| <b>STEL</b>                  | Short Term Exposure Limit  |                  |              |
| <b>Literature References</b> | List of Designated Hazardous Substances [NOHSC:10005(1999)]  |                  |              |
|                              | Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7 <sup>th</sup> Edition.   |                  |              |
|                              | Standard for the Uniform Scheduling of Medicines and Poisons 2015.   |                  |              |
|                              | National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]  |                  |              |
|                              | Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]  |                  |              |
|                              | Material Safety Data Sheets – individual raw materials – Suppliers.  |                  |              |
|                              | HSIS – Hazardous Substance Information System – National Worksafe Data Base.   |                  |              |
|                              | Labelling of workplace hazardous chemicals, Code of Practice, DEC 2011   |                  |              |
|                              | Guidance on the classification of hazardous chemicals under the WHS Regulations, Implementation of the Globally Harmonised System of classification and labeling of chemicals (GHS) APRIL 2012 |                  |              |
|                              | Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third revised edition.  |                  |              |
| <b>Revision Information</b>  | New Issue to standard : PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS Code of Practice DECEMBER 2011   |                  |              |
| <b>Note</b>                  | Safety Data Sheets are updated frequently. Please ensure that you have a current copy.   |                  |              |
| <b>Contact Point</b>         | Regulatory Affairs Manager   | <b>Telephone</b> | 07 3807 7400 |

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.