

# B-BRITE ALUMINIUM CLEANER

## MATERIAL SAFETY DATA SHEET

|                     |                           |                             |
|---------------------|---------------------------|-----------------------------|
| MSDS No:            |                           | <b>QUICK SMART PRODUCTS</b> |
| Product Name:       | B-BRITE ALUMINIUM CLEANER | <b>53 ASSEMBLY DRIVE</b>    |
| Manufacturers Code: | BBA5, BBA25, BBA200       | <b>TULLAMARINE VIC 3043</b> |
| Date:               | July 2007                 | <b>(03) 9338 6655 (BH)</b>  |
|                     |                           | <b>(03) 9336 7945 (AH)</b>  |

**STATEMENT OF HAZARDOUS NATURE:** HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### IDENTIFICATION

|              |      |                       |    |
|--------------|------|-----------------------|----|
| U/N No       | 3264 | Dangerous Goods Class | 8  |
| Hazchem Code | 2R   | Poisons Schedule      | S6 |

### PHYSICAL DESCRIPTION / PROPERTIES

|                           |             |                         |          |
|---------------------------|-------------|-------------------------|----------|
| Appearance:               | Clear Brown | Odour:                  | NA       |
| Autoignition Temperature: | NA          | Flash Point(°C):        | NA       |
| Boiling Point (°C):       | 100oC       | Flammability Limits(%): | NA       |
| Vapour Pressure:          | NA          | Solubility in Water:    | Complete |
| Specific Gravity (20°C):  | 1.25        | Vapour Density:         | NA       |
| Evaporation Rate:         | NA          | Percent Volatiles:      | NA       |

### INGREDIENTS:

| Chemical Entity   | W%W  | CAS No:   | UN No: |
|-------------------|------|-----------|--------|
| Phosphoric Acid   | <50% | 7664-38-2 | 1805   |
| Glycolic Acid     | <10% | 79-14-1   | 1760   |
| Isopropyl Alcohol | <1%  | 67-63-0   | 1219   |
| Acid Foamer       | <5%  |           |        |

### SAFE HANDLING INFORMATION

|                                   |  |
|-----------------------------------|--|
| <b>Storage &amp; Transport:</b>   | Store away from oxidising agents.  |
| <b>Spills &amp; Disposal:</b>     | Observe safety precautions as outlined in "Personal Protection" section above. Mop up (mop or sponge) or wash small spills to drain with excess water. Large spills should be contained and collected, or absorbed onto inert material (eg Soak) and placed in clean, labelled plastic or plastic lined container for disposal. Wash area thoroughly with water and ensure surface is not slippery afterwards.   |
| <b>Disposal:</b>                  | Re-use spilled material if possible. Carefully add to water and greatly dilute, or neutralise with diluted alkali and flush to sewer with copious amounts of water. Otherwise fully absorb onto solid substrate and place in plastic container prior to disposing through normal commercial refuse system, or at a waste landfill. Consult local council dumps or the manufacturer for proper disposal method in your area in the event of a major spill. Suitable for incineration by approved agent. |
| <b>Fire &amp; Explosion Data:</b> | When subjected to high heat may decompose to form water, carbon monoxide, carbon dioxide and other unidentified organic compounds. If safe to do so remove containers from path of fire. Fire fighters to wear self contained breathing apparatus if in risk of exposure to vapours or products of combustion. Use water fog or spray, foam, dry chemical or carbon dioxide for surrounding fires as governed by adjacent materials.   |

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### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

|                       |   |
|-----------------------|---|
| <b>Chronic</b>        | Repeated or prolonged exposure to this material will result in severe irritation and chemical burns to the skin. Inhalation of vapours or mist may result in severe irritation and chemical burns of the respiratory tract. |
| <b>Acute Eye:</b>     | Contact with concentrate and strong solutions can be corrosive to eyes. Causes burns. Risks of serious damage to eyes, which can result in permanent eye injury or blindness.   |
| <b>Acute Skin:</b>    | Contact with concentrate and strong solutions can be corrosive to skin. Causes burns.   |
| <b>Acute Inhaled:</b> | Inhalation of concentrate and strong solutions can produce tissue damage or severe irritation to mucous membranes of respiratory tract, characterised by coughing, choking or shortness of breath.                          |

#### TREATMENT

|                             |   |
|-----------------------------|---|
| <b>Swallowed:</b>           | If swallowed, DO NOT induce vomiting. Give a glass of water to drink. SEEK IMMEDIATE MEDICAL ATTENTION. Have label or Material Safety Data Sheet to show if possible.                           |
| <b>Eye:</b>                 | Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Remove contact lenses if worn. SEEK IMMEDIATE MEDICAL ATTENTION.                |
| <b>Skin:</b>                | Rinse thoroughly with water. Remove contaminated clothing and wash before re-use. SEEK MEDICAL ATTENTION.   |
| <b>Inhaled:</b>             | In case of overexposure, move exposed person to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. SEEK MEDICAL ATTENTION. |
| <b>First Aid Facilities</b> | Safety showers, eye wash fountains or running water.  |
| <b>Advice to Doctor</b>     | Treat symptomatically as for highly acidic materials. For ingestion, consider gastric lavage with caution. Contact Poisons Information Centre.  |

#### PRECAUTIONS FOR USE:

|                             |   |           |                        |
|-----------------------------|---|-----------|------------------------|
| <b>Exposure Limits</b>      | Name  | STEL      | TWA                    |
|                             | Phosphoric Acid   | mg/m3 ppm | mg/m3 ppm TWA footnote |
| <b>Other Exposure Info:</b> | Worksafe Australia has established no exposure standards for this material, however for the individual constituents refer to the Exposure Limits section above. |           |                        |
| <b>Eng Controls:</b>        | No special measures. Use product in well ventilated areas where appropriate. Limit exposure to all chemical products, and use safe work practices.              |           |                        |
| <b>Other information</b>    | This material is a SCHEDULED (S6) POISON and must be stored, handled and maintained according to the appropriate Commonwealth Regulations.                      |           |                        |

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### **PERSONAL PROTECTION**

|                        |   |
|------------------------|---|
| <b>Respirator Type</b> | AS1716 Avoid breathing spray mists. No special measures required when used according to directions.   |
| <b>Eye Protection</b>  | Wear approved safety glasses / goggles when handling concentrate and strong solutions, especially if contact lenses are worn.   |
| <b>Glove Type</b>      | Wear natural rubber or acid resistant gloves at all times while handling product.   |
| <b>Clothing</b>        | Wear adequate clothing to prevent skin contact. In the event of large spills, wear full body clothing (eg long sleeved shirt, pants, overalls) and acid resistant footwear. Remove and launder soiled clothing before re-use. |

### **FLAMMABILITY**

|                     |  |
|---------------------|--|
| <b>Fire Hazards</b> | Non-flammable, non-combustible. No specific fire hazards associated with product. No specific ventilation, earthing or flameproofing requirements. |
|---------------------|--|

### **CONTACT POINT**

|                 |          |
|-----------------|----------|
| <b>Contact:</b> | WALL DAY |
|-----------------|----------|