

B-BRITE ALUMINIUM CLEANER

MATERIAL SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	B-BRITE ALUMINIUM CLEANER	53 ASSEMBLY DRIVE
Manufacturers Code:	BBA5, BBA25, BBA200	TULLAMARINE VIC 3043
Date:	August 2012	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	B-BRITE ALUMINIUM CLEANER
Company Name:	QUICK SMART PRODUCTS
Address:	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax:	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) Fax: (03) 9335 2598
Recommended Use:	Aluminium truck and mag wheel cleaner

2. HAZARDS IDENTIFICATION

Statement of Hazardous Nature:	HAZARDOUS SUBSTANCE DANGEROUS GOODS Classified as Hazardous according to the criteria of NOHSC Australia. Dangerous Goods classification according to the Australian Dangerous Goods Code
Risk Phrase(s):	R34 Causes Burns
Safety Phrase(s):	S1/2 Keep locked up and out of reach of children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S45 In case of accident or if unwell, seek medical advise immediately (show label whenever possible). S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

3. COMPOSITION / INFORMATION ON 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%		

4. FIRST AID MEASURES

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons.

Inhalation:	Remove the source of contamination if safe to do so and move the affected person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. If the victim is not breathing, apply artificial resuscitation and seek immediate medical attention. In serious cases of over-exposure, seek immediate medical attention.
Skin Contact:	Flushed exposed areas with plenty of water. Remove contaminated clothing and launder before reuse. If irritation develops seek immediate medical attention.
Eye Contact:	Hold eyelid open and flush with copious amounts of water for at least 15 minutes or until all contaminants are washed out completely. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.

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- Ingestion:** If swallowed, DO NOT induce vomiting. Rinse or wash out mouth with plenty of water and give a glass of water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical attention. For advice, contact Poisons Information Centre on 131126 or a doctor. Have label or Material Safety Data Sheet to show if possible.
- First Aid Facilities:** Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
- Advice to Physician:** Treat symptomatically for highly acidic materials. For ingestion consider gastric lavage with caution.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

Flammability: Non-flammable, non-combustible.

Extinguishing Media: Use extinguishing media appropriate to the principal fire hazard or to the source of the fire. Use water spray to keep containers cool.

Specific Hazards: When subjected to high heat may decompose to form water, carbon monoxide, carbon dioxide as well as other unidentifiable organic compounds.

Protective Equipment for Firefighters: Fire Fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing appropriate to the principal fire hazard or the source of the fire.

Hazchem Code: 2R

6. ACCIDENTAL RELEASE MEASURES:

Spillage: Spillages are slippery. Avoid accidents, clean up immediately. Clear area of all unprotected personnel. Personnel involved in cleaning up any spills are to wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain using sand, soil or other inert material. Prevent run off into drains, sewers and waterways. Cover /absorb spill with non-combustible absorbent material (vermiculite, sand or similar), collect and seal in properly labelled plastic containers for disposal. Rinse the area clean with excess water.

Disposal: Dispose of in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

7. HANDLING AND STORAGE

Handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapour mists. Repeated or prolonged exposure to the material without personal protection should be avoided in order to lessen the possibility of disorders. Maintain good standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities. Keep containers closed when not in use.

Storage: Store in a cool, dry, well ventilated area. Store away from foodstuffs, heat, alkalis, flammable goods and oxidizing agents. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:	None established for B-Brite Aluminium Cleaner, however for the individual constituents refer below:		
	TWA	STEL	
	Phosphoric Acid - ppm	1 mg/m ³ - ppm	3 mg/m ³
Engineering Controls:	Good general/natural ventilation should be adequate under normal use conditions. Ensure that the ventilation is adequate to maintain air concentrations below the recommended exposure standards. If necessary, provide local exhaust ventilation.		
Personal Protective Equipment:	Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers. Wear PVC gloves and chemical goggles and/or a face shield. An acid resistant respirator to AS1716 is recommended if spray mists are produced during use. It is recommended that a shirt with long sleeves and long trousers be worn. Always wash skin and clothing after using this product.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Brown liquid, neutral odour
Boiling Point:	100°C
Flash Point:	This product will not flash and does not support combustion.
Flammability:	This product is not flammable under the conditions of use and does not support combustion.
Flammability Limits (%):	Not applicable
Vapour Pressure:	Not available
Specific Gravity (20°C):	1.25
Vapour Density:	Not available
Solubility in Water:	Complete
Evaporation Rate:	Not available
Percent Volatiles:	Not available

10. STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions of use, storage and temperature.
Conditions to Avoid:	Avoid excessive heat, direct sunlight and open flames.
Incompatible Materials:	Strong alkalis and strong oxidising agents.
Hazardous Decomposition Products:	When subjected to high heat may decompose to form water, carbon monoxide, carbon dioxide as well as other unidentifiable organic compounds.

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11. TOXICOLOGICAL INFORMATION

Acute Effects:

Inhalation:	Spray mists are corrosive and irritating to the nose, throat and respiratory tract.
Ingestion:	Likely to cause chemical burns to the digestive tract. Moderate irritant. Oral LD50 (rat) 1530mg/kg for Phosphoric Acid.
Skin:	Likely to cause chemical burns. Moderate skin irritant. Repeated or prolonged skin contact may lead to dermatitis. Dermal LD50 (rabbit) 2740mg/kg for Phosphoric Acid.
Eye:	Severe eye irritant. May cause corneal damage.
Chronic:	No known chronic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available for this product.
Persistence / Degradability:	Not available.
Mobility:	Not available.
Bioaccumulative Potential:	Not available.
Environmental Protection:	This product may be hazardous to the environment. Avoid contaminating drains and waterways as aquatic life may be threatened.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations:	Product should be placed in sealed, properly labelled containers for disposal. Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.
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14. TRANSPORT INFORMATION

Transport Information:	Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)
UN Number:	1805
DG Class:	8
Packing Group:	III
Hazchem Code:	2R
Proper Shipping Name:	Phosphoric Acid

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15. REGULATORY INFORMATION

Poisons Schedule:	S6
Hazard Category:	Corrosive
AICS:	To the manufacturers best knowledge, all ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Contact Person/Point: Technical Information: (03) 9338 6655

Date of Preparation or last revision of MSDS: MSDS reviewed: August 2012

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF MSDS