

B-BRITE ALUMINIUM CLEANER

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:	July 2018	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

Hazard Classification	This product is classified as hazardous.
Dangerous Goods Classification	Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
GHS Classification(s)	Serious Eye Damage/Irritation: Category 1 Skin Corrosion/Irritation: Category 1B Acute Toxicity (Oral): Category 4

GHS Label Elements

Signal Word DANGER

Symbol(s)



Hazard Statements	H301: Toxic if swallowed.
	H314: Causes severe skin burns and eye damage.
	H 332: Harmful if inhaled.

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.
Prevention	P260: Do not breath dust/fumes/gas/mist/vapours/spray.
	P262: Do not get in eyes, on skin or on clothing.
	P264: Wash hands thoroughly after handling.
	P280: Wear protective gloves, protective clothing, eye protection and face protection
Response	P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
	P303+P361+P353: If ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
	P331: Do NOT induce vomiting
	P332+P313: If skin irritation occurs: Get medical advice/attention
	P337+P313: If eye irritation occurs: Get medical advice/attention

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Storage	P403+P233:	Store in a well ventilated place. Keep container tightly closed.
Disposal	P501:	Dispose of contents/container in accordance with national regulations.

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.

Description of necessary measures according to routes of exposure

Ingestion	If swallowed, DO NOT induce vomiting. Rinse mouth thoroughly with water. Give a glass of water to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. 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 Safety Data Sheet to show if possible.
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	It is important to remove the substance from the skin immediately. If skin or hair contact occurs, remove all contaminated clothing and rinse skin and hair thoroughly with clean running water. Continue rinsing for at least 10 minutes. Get medical attention immediately. Wash contaminated clothing before reuse.
Eye Contact	Get medical attention immediately. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Consult a physician for specific advice. Effects may be delayed.
First Aid Facilities	Provide normal industrial first aid facilities including eye wash stations and safety showers as appropriate.
Advice to Physician	Treat symptomatically for highly acidic materials. For ingestion consider gastric lavage with caution.

5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Flammability	This product is non flammable, non combustible.
Extinguishing Media	Use water fog or spray, foam, dry chemical or carbon dioxide for surrounding fires as governed by adjacent materials. Use water spray to keep containers cool.

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Specific Hazards Arising from the Substance or Mixture

Specific Hazards	When subjected to high heat, containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous Combustion Products	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	2X

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.
Environmental Precautions	Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
Disposal	Dispose of waste in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

7. HANDLING AND STORAGE

Precautions for Safe 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 when handling this product, i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities. Keep containers tightly closed when not in use.
Conditions for Safe Storage	Store in accordance to local regulations. Store in a cool, dry, well ventilated area. Store away from foodstuffs, heat, alkalis, flammable goods and oxidizing agents. Store only in original containers. Keep containers upright and 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
Isopropyl Alcohol	400ppm	983mg/m ³	500ppm	1,230mg/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. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

Personal Protective Equipment Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers. Always wash skin and clothing after using this product.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye/Face Protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with Australia/New Zealand Standard AS/NZS 1337. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand Protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Neoprene. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161.

Body Protection Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible. Chemical resistant plastic apron is recommended where large quantities are handled.

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

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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	Does not decompose when used and stored as recommended. When subjected to high heat may decompose to form water, carbon monoxide, carbon dioxide as well as other unidentifiable organic compounds.

11. TOXICOLOGICAL INFORMATION

General Information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	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.
Ingestion	Harmful if swallowed. Likely to cause chemical burns to the digestive tract. Symptoms following overexposure may include the following: Severe stomach pain. Nausea, vomiting. Oral LD50 (rat) 1530mg/kg for Phosphoric Acid.
Skin Contact	Likely to cause chemical burns. Repeated or prolonged skin contact may lead to dermatitis. Dermal LD50 (rabbit) 2740mg/kg for Phosphoric Acid.
Eye Contact	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.
Route of Entry	Ingestion, Inhalation, Skin and/or eye contact.

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.

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13. DISPOSAL CONSIDERATIONS

Disposal Considerations Waste 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.

14. 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 2X
Proper Shipping Name Phosphoric Acid, Solution

15. REGULATORY INFORMATION

SUSMP Schedule Schedule 6
Hazard Category Corrosive
AICS (Australia) 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 SDS SDS reviewed: 17 July 2018

Abbreviations

ADG Code Australian Code for the Transport of Dangerous Goods by Road & Rail
AICS Australian Inventory of Chemical Substances
CAS Number Chemical Abstracts Service Registry Number
GHS Globally Harmonised System of Classification and Labelling
g/cm³ Grams per Cubic Centimetre
g/L Grams per Litre
HAZCHEM Code Emergency action code of numbers and letters which gives information to emergency services
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
LC Lethal Concentration
LD Lethal Dose
mg/m³ Milligrams per Cubic Metre
NOHSC National Occupational Health and Safety Commission
ppm Parts Per Million
SDS Safety Data Sheet

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STEL Short Term Exposure Limit. The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

SUSMP Standard for the Uniform Scheduling of Medicines and Poisons

TLV Threshold Limit Value

TWA Time Weighted Average. The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

This SDS 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 SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, or from any failure to adhere to recommendations. 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