



Date of Issue: January 2024

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name	Ali Bright
Product Code	6890 2 120 (20ltr), 6890 2 105 (5ltr)
Product Use	Aluminium Cleaner
Company Name	Forch Australia Pty Ltd
Address	2 Forward Street GNANGARA WA 6077
Emergency Telephone	13 11 26
Telephone	(08) 9303 9113
Fax	(08) 9303 9114
Web	<a href="http://www.forch.com.au">www.forch.com.au</a>

**2. HAZARDS IDENTIFICATION**

Hazard Classification	Classified as hazardous according to ASCC criteria
Hazard Category:	Corrosive
Risk Phrases:	R34 - Causes burns
Safety Phrases:	S1/2 - Keep locked up and out of the 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 you feel unwell, seek medical advice immediately (show the label whenever possible)
Dangerous Goods	Classified as a Dangerous Good according to the criteria of the ADG Code

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

	Ingredient	CAS No.	Proportion
	Phosphoric acid	7664-38-2	30 – 60%
	Water and other non-hazardous ingredients	-	to 100%

**4. FIRST AID MEASURES**

Inhalation	Remove victim from exposure. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Ingestion	Immediately rinse mouth with copious amounts of water. Do not induce vomiting. Give water to drink. Seek immediate medical attention.
Skin	Immediately drench with running water and remove contaminated clothing.
Eye	If in eyes, hold eyelids apart and irrigate with clean water for at least 15 minutes. Seek immediate medical assistance.
First Aid Facilities	Eye wash station and safety shower.
Advice to Doctor	Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

Extinguishing Media	Not flammable. Not combustible. Use extinguishing media appropriate to the source of the fire.
Hazards from Combustion Products	In the event of a major fire, this product may emit toxic fumes.
Precautions for Fire Fighters	Cool containers with water to prevent containers from rupturing.

**6. ACCIDENTAL RELEASE MEASURES**

Emergency Procedures	Small spills may be diluted with water or neutralised with soda ash and mopped up. Personnel involved in the clean up of large spills should wear appropriate protective clothing as specified in Section 8. Clean up spills immediately to prevent further accidents. Evacuate all unnecessary personnel. Stop leak if safe to do so. Do not
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	let product enter drains or waterways.
<b>Spills &amp; Disposals</b>	Contain and recover liquid where possible. Use material such as earth to contain spill and pack contaminated material into appropriate containers for disposal at approved site. Spills can be neutralized with lime or soda ash. Wash affected area with water.
<b>7. HANDLING AND STORAGE</b>	
<b>Storage</b>	Store in original container in a cool, well ventilated area out of direct sunlight. Keep containers closed when not in use.
<b>Handling</b>	Wear protective clothing as specified in Section 8 when handling product in bulk or there is potential for skin and eye contact. Wash hands and other exposed areas with soap and water immediately after handling and before eating, drinking, smoking or using the toilet.
<b>8. EXPOSURE CONTROL/PERSONAL PROTECTION</b>	
<b>Exposure Standards</b>	Threshold Limit Values for Phosphoric Acid: Time Weighted Average ( TWA ) = 1 mg/m <sup>3</sup> Short Term Exposure Limit ( STEL ) = 3 mg/m <sup>3</sup>
<b>Biological Limits</b>	None allocated.
<b>Engineering controls</b>	Use with good general ventilation.
<b>Personal Protective Equipment</b>	<b>Eye Protection:</b> Face shield and/or chemical goggles (AS 1336/1337). <b>Glove Type:</b> Impervious PVC, rubber or nitrile gloves (AS 2161). <b>Clothing:</b> PVC, nitrile or rubber splash apron and safety boots. <b>Respirator:</b> If an inhalation risk exists, wear an approved organic vapour respirator complying with AS 1716.
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance</b>	Yellow mobile liquid
<b>Odour</b>	None
<b>pH (neat)</b>	<2
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Boiling Point/Range</b>	Approximately 100°C
<b>Freezing/Melting point</b>	<0°C
<b>Solubility in Water</b>	Miscible in all proportions
<b>Specific Gravity</b>	Approximately 1.4
<b>Flash Point</b>	Not applicable
<b>Flammable Limits</b>	Not flammable
<b>10. STABILITY AND REACTIVITY</b>	
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Materials to Avoid</b>	Alkaline materials, strong oxidising agents and chlorine products (pool chemicals).
<b>Decomposition</b>	Only in a major fire (composition unknown)
<b>Hazardous Reactions</b>	Reacts with alkalis with evolution of considerable heat. Reacts with chlorine products (pool chemicals) with evolution of toxic chlorine gas.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Health Hazard Summary</b>	Product is highly acidic. Corrosive to skin and eyes.
<b>Inhalation</b>	Not a likely route of exposure (product is not volatile). Inhalation of mist or spray may cause respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.
<b>Ingestion</b>	LD50 (oral) = 3000mg/kg. Ingestion may cause burns to the mouth and throat, pain in the stomach, difficulty in breathing, nausea, vomiting, diarrhoea, and convulsions. If swallowed in large amounts gastric or oesophageal perforation is possible.
<b>Skin</b>	Corrosive to skin. Skin contact may cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.
<b>Eye</b>	Corrosive to eyes. Mists may cause severe eye irritation. Concentrated solution can cause severe burns, pain and permanent eye damage.

<b>Toxicity Data</b>	Low systemic toxicity. The toxic effects of this product are due to its acidity.
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	May be harmful in the aquatic environment due to reduction of water pH.
<b>Persistence and Degradability</b>	No data available.
<b>Mobility</b>	No data available.
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste Disposal</b>	Refer to waste management authority. Containers should be thoroughly rinsed and recycled.
<b>Legislation</b>	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.
<b>14. TRANSPORT INFORMATION</b>	
<b>Classified as a Dangerous Good according to the criteria of the ADG Code</b>	
<b>U.N. Number</b>	1805
<b>Proper Shipping Name</b>	PHOSPHORIC ACID
<b>Class and Subsidiary Risk(s)</b>	Corrosive 8
<b>Packing Group</b>	III
<b>Special Precautions</b>	None
<b>Hazchem Code</b>	2R
<b>15. REGULATORY INFORMATION</b>	
<b>Poisons Schedule</b>	Schedule 6
<b>AICS</b>	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
<b>16. OTHER INFORMATION</b>	
<b>Contact Point</b>	Anthony Benich
<b>Title</b>	Technical Manager
<b>Telephone</b>	08 9303 2882
<b>After Hours</b>	0432 620 423
<p>The information contained in this Material Safety Data Sheet is believed to be accurate and reliable; however, Forch Distributors shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever arising from the use of this product as conditions and methods of use are beyond our control. Users should read this Material Safety Data Sheet and evaluate the information in the context of how the user intends to handle and use the product in the workplace including the use of this product with other products.</p>	

**End of Report**