

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **ALUM SAFE**

Product Code: **ASA 20**

Use: A user-friendly acid for cleaning and brightening aluminium surfaces

Company: **ADVANCED AUTOLOGIC Pty Ltd.**,
ACN 008 993 833

Address PO Box 205 Byford WA, 6122
Telephone No: (08) 9526 2678
Fax No: (08) 9526 2680
Emergency No. (08) 9526 2678 (All Hours)

SECTION 2: HAZARDS IDENTIFICATION

Hazardous according to criteria of WorkSafe Australia

Hazard category **C-Corrosive**

Risk Phrases

R21/22 Harmful in contact with skin and if swallowed
R36/38 Irritation to eyes and skin.

Safety Phrases

S1/2 Keep locked up and out of reach of children
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with water and contact a doctor or Poisons Information Centre
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible)

Avoid breathing vapour or spray mist.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

All products are formulated to be non-hazardous to health and environment, wherever possible. All hazardous substances as defined by the NOHSC Code 1008 are listed by CAS No. Other major ingredients that are determined to be non-hazardous are listed without a CAS No.

Chemical name	CAS No.	Proportion
Sulphuric acid	7664-93-9	10-30%
Organic acids (lemon extract)		Below 10%
Oxalic Acid	144-62-7	Below 5%
Surfactants		Below 10%
Water		to 100%

SECTION 4: FIRST AID MEASURES

Swallowed: If poisoning occurs contact a doctor or Poisons Information Centre. Phone 13 1126. Do **NOT** induce vomiting. Give glass of water. Obtain medical attention immediately.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

Inhaled Obtain medical attention if necessary.

First Aid Facilities Eye Wash, Deluge Shower

Advise to Doctor: Treat symptomatically

SECTION 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Non-flammable. When heated, product emits corrosive chloride fumes. Keep containers cool with water spray to prevent possible rupture of containers. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of decomposition.

Extinguishing Media: Dry powder. Carbon dioxide, foam or water delivered as a fine spray

SECTION 6: ACCIDENTAL RELEASE MEASURES

Increase ventilation. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain using sand or soil – prevent run off into drains and waterways. Dilute with water and neutralise using the most readily available source of alkali.

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry, well ventilated area, out of direct sunlight. Keep containers closed at all times – check regularly for leaks.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: Not determined

Engineering Controls: Ensure adequate ventilation.

Personal Protection: Avoid skin and eye contact and inhalation of vapour. Wear appropriate protective clothing, gloves, overalls. Long apron, chemical safety glasses, face shield, hat and safety boots should be used as necessary. If there is a risk of inhalation of vapour, wear a suitable respirator. Safety showers and eye irrigation facilities should be provided if possible. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing or other protective equipment before storing or re-using.

Flammability: Not flammable.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Boiling Point: Not applicable
Vapour Pressure: Not determined
Specific Gravity: 1.15
Flashpoint: Not flammable
Flammability Limits: Not flammable
Solubility in Water: Soluble

Other Properties

Corrosiveness: Corrosive
pH (1% solution): 1

SECTION 10: STABILITY AND REACTIVITY

Stable

SECTION 11: TOXICOLOGICAL INFORMATION**Health Effects****ACUTE:**

SWALLOWED: Corrosive – severe irritant

EYE: Corrosive – severe irritant

SKIN: C corrosive

INHALED: not applicable – Irritant only when applied via fine spray

SECTION 12: ECOLOGICAL INFORMATION

None required.

SECTION 13: DISPOSAL CONSIDERATIONS

Recycle unwanted product or dispose via a waste management contractor.

SECTION 14: TRANSPORT INFORMATION

UN Number: 2796
Dangerous Goods Class 8
Subsidiary Risk:
Hazchem Code: 2R
EPG 8A1
Packing group II
Poisons Schedule: S6

SECTION 15: REGULATORY INFORMATION

This product is widely used by industry and is not subject to any special regulatory requirements.

SECTION 16: OTHER INFORMATION

This MSDS is valid for five years from date of issue but readers should contact the manufacturer to ensure that this is the latest issue. As per the WorkSafe Guidance Note NOHSC 3017 (Health Risk Assessment) each user should review the information in the specific context of the intended application.

Date of Issue: 01/01/2020
Formula Code: ASA 20
Contact Point: Emergency Co-ordinator
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