

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **DESCALER**

Product Code: **DS 20**

Use: Removing concrete, rust and scale

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 **T : TOXIC C : CORROSIVE**

Risk Phrases

R23 Toxic by inhalation
R35 Causes severe burns.

Safety Phrases

S1/2 Keep locked up and out of reach of children
S9 Keep container in a well ventilated place
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)
S2 Keep out of reach of children
S26 In case of contact with eyes, rinse immediately with water and contact a doctor or Poisons Information Centre
S28 After contact with skin, wash immediately with plenty of soap suds.

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 sub-stances 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

Hydrochloric acid	7647-01-0	<30%
Proprietary Non Hazardous Ingredients		<1%
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. Obtain medical attention immediately.

Eye: Immediately irrigate with copious amounts of water for at least 15 minutes. Hold the eyelids open. Obtain medical attention immediately.

Skin: Immediately flush contaminated area with water and remove contaminated clothing. Obtain medical attention if necessary.

Inhaled Obtain medical attention if necessary.

First Aid Facilities Eye Wash, Deluge .Shower

Advise to Doctor: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

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. Transport in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail – Class 8 (Corrosive).

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 greenish liquid
Boiling Point: Above 100°C
Vapour Pressure: Not determined
Specific Gravity: 1.1
Flashpoint: Not flammable
Flammability Limits: Not determined
Solubility in Water: Soluble
Corrosiveness: Corrosive
pH (1% solution): 1

SECTION 10: STABILITY AND REACTIVITY

Stable. Avoid contact with alkalis and oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects

ACUTE:

SWALLOWED: Severe burning and/or perforation of the digestive system.

EYE: Splashing into the eyes may cause severe and irreversible damage with possible corneal scarring.

SKIN: Can cause severe burns.

INHALED: High vapour concentrations can cause severe burns to the lips, mouth, throat and lungs.

CHRONIC: Long term effects unlikely.

SECTION 12: ECOLOGICAL INFORMATION

None

SECTION 13: DISPOSAL CONSIDERATIONS

Recycle unwanted product or dispose via a waste management contractor.

SECTION 14: TRANSPORT INFORMATION

UN Number: 1789
Dangerous Goods Class 8
Subsidiary Risk: None allocated
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: 12/05/2020
Formula Code: DS 20
Contact Point: Emergency Co-ordinator
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 (08) 9526 2678