

# MATERIAL SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

**Product Name: ZIPPY**

**Product Code: Z 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)

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.

<b>Chemical name</b>	<b>CAS No.</b>	<b>Proportion</b>
Hydrochloric acid	7647-01-0	<30%
Proprietary Non Hazardous Ingredients		<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. 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

**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.  
Use any readily available absorbent. Flush with water.

## 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:** Below 110°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.

### **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**

Do not dispose to environment. Refer Section 13.

### **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:** 14/02/2020  
**Formula Code:** Z 20  
**Contact Point:** Emergency Co-ordinator  
 Mr Michael Croonen  
 (08) 9526 2678