



## Material Safety Data Sheet

Hazardous According To The Criteria Of NOHSC

### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<u>Product Name:</u>	<b>Ali Shine</b>
<u>Other Name:</u>	None
<u>Manufacturer's Product Code:</u>	
<u>Recommended Use:</u>	Acidic aluminium cleaner. Product is used diluted
<u>Supplier Name:</u>	AUTOSMART AUSTRALIA
<u>Supplier Address:</u>	AUTOSMART AUSTRALIA 11 DARRAMBAL CLOSE RATHMINES NSW 2283 <a href="http://www.autosmartaustralia.com.au">www.autosmartaustralia.com.au</a> <a href="http://www.autosmartinternational.com">www.autosmartinternational.com</a> <a href="mailto:autosmart@autosmartaustralia.com.au">autosmart@autosmartaustralia.com.au</a>
<u>Telephone No.:</u>	02 49 75 14 88 (Mon to Fri, 08:00 – 16:00 AEST) (General Information. Transport Information. Mild medical Information)
<u>Emergency No.:</u>	0011 44 7808 971 321 (24 Hrs) (Autosmart International) 13 11 26 (24 Hours) Poison Information Centre Australia

### 2 HAZARDS IDENTIFICATION

<u>HAZARD DESIGNATION:</u>	Hazardous According To The Criteria Of NOHSC
<u>Hazard Category:</u>	CORROSIVE
<u>RISK PHRASES:</u>	R36/38 Irritating to eyes and skin.
<u>SAFETY PHRASE:</u>	S1/2 Keep locked up and out of the reach of children. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). S51 Use only in well-ventilated areas. S62. If swallowed do not induce vomiting. Seek medical advice immediately and show the container or label.

**ADG CLASSIFICATION:**

CLASS 8 “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Good by Road and Rail.

**SUSDP CLASSIFICATION:**

Schedule 6 (Standard for the Uniform Scheduling of Drugs and Poisons)

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS NUMBER:	PROPORTION (% W/W)
2-butoxyethanol	111-76-2	1-5%
Fatty Alcohol ethoxylate	68439-46-3	1-5%
Hydrochloric acid	7647-01-0	5-10%
Phosphoric Acid	7664-38-2	10-30%
Other ingredients determined not to be hazardous		To 100%

**4 FIRST AID MEASURES**

**IF POISONING OCCURS, IMMEDIATELY CONTACT A DOCTOR OR POISONS INFORMATION CENTRE (TELEPHONE 13 11 26), AND FOLLOW THE ADVICE GIVEN. SHOW THIS MATERIAL SAFETY DATA SHEET TO A DOCTOR.**

**Inhalation:** Remove person to fresh air. Rinse nose and mouth. Keep at rest. Seek medical attention.

**Skin Contact:** Remove all contaminated clothing. Wash the skin with plenty of water. Seek medical attention. Launder clothing before re-use.

**Eye contact:** Immediately rinse eyes thoroughly, including under eyelids, with running water for at least 15 minutes. Seek immediate medical advice.

**Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Seek immediate medical advice.

**First Aid Facilities:** Provide an eyewash station in the workplace.

**Symptoms:** Not available

**Medical attention:**

**5 FIRE FIGHTING MEASURES**

**Extinguishing media:** Foam, dry chemical or water spray. Do not use a water jet from a fire hose.

**Hazards from combustion products:**

No data available

**Precautions for fire fighters:**

Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment. Keep intact containers cool by spraying with water.

**ADDITIONAL INFORMATION:**

**HAZCHEM CODE: 2R**

**6 ACCIDENTAL RELEASE MEASURES**

Wear suitable protective clothing, acid resistant gloves and boots. Isolate the spillage. Contain and absorb with inert material, such as sand, earth or vermiculite. Scoop up and store in sealed labelled containers for disposal. Wash site of spillage with copious amounts of water. Spillage's May Be Slippery.

**7 HANDLING AND STORAGE**

**Handling:**

Keep out of reach of children. Avoid contact with skin and eyes and do not inhale any spray mist. Use only in a well-ventilated area. Do not apply in the presence of naked flames, hot surfaces or unprotected electrical equipment. Use proper grounding procedures.

**Storage:**

Store product in the closed, original container in a cool, well-ventilated area away from direct sunlight.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Standards:**

HYDROCHLORIC ACID STEL 5ppm.

**Engineering Controls:**

Ensure adequate ventilation. Keep container closed when not in use.

**Personal Protective Equipment:****EYES:**

Avoid contact with eyes. Wear chemical resistant safety goggles or face visor.

**CLOTHING:**

Wear suitable protective clothing. Protective clothing must be stored separately from private clothing.

**GLOVES:**

Avoid contact with skin. Wear Acid Resistant gloves.

**RESPIRATORY:**

Wear an approved respirator to prevent inhalation, if other control measures are inadequate.

**OTHER:**

Do not eat, drink or smoke until after washing. Wash thoroughly after handling. After each day's use wash gloves, goggles and contaminated clothing.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear Red Liquid
<b>Odour:</b>	Acrid
<b>Vapour Pressure:</b>	not relevant.
<b>Vapour Density:</b>	Not available
<b>Boiling Point:</b>	Approximately 100°C
<b>Freezing/melting point:</b>	Not available
<b>Solubility:</b>	Soluble in Water.
<b>Density:</b>	1.03 @ 20 °C
<b>pH Neat:</b>	1.0
<b>Flashpoint:</b>	Not relevant
<b>Flammability (explosive) limits:</b>	
<b>Auto-ignition temperature:</b>	
<b>Percent volatiles:</b>	
<b>Octanol/water partition coefficient:</b>	Not available
<b>Formulation:</b>	Acidic Cleaner

**10 STABILITY AND REACTIVITY**

<b>Chemical stability:</b>	Stable at room temperature
<b>Hazardous polymerisation:</b>	Will not occur
<b>Conditions to avoid:</b>	Not available

<b>Incompatible materials:</b>	Incompatible with strong oxidising agents.
<b>Hazardous decomposition products:</b>	Carbon Monoxide
<b>Hazardous reactions:</b>	Not available

## 11 TOXICOLOGICAL INFORMATION

### **Inhalation:**

Do not breathe spray. Inhalation of spray will cause respiratory irritation resulting in sore throats and coughing.

### **Skin contact:**

Will cause irritation to skin. The material should not be allowed to come into contact with the skin.

### **Eye contact:**

The material should not be allowed to contact the eyes. Causes burns to the eyes. Contact with liquid can rapidly cause permanent damage. Vapours may cause irritation.

### **Ingestion:**

Will cause severe irritation and damage to the throat and stomach resulting in vomiting, diarrhoea, abdominal pain, nausea and even collapse. Vomiting may cause lung damage

**Acute: Oral toxicity:** LD50 rat 1.07mg/L. (1 hour)

**Dermal toxicity:** LD50 rabbit: not available

**Inhalation toxicity:** Irritating to Respiratory system.

**Skin irritation:** Corrosive/Toxic

**Eye irritation:** Corrosive

**Sensitisation:** Long term exposure can cause accumulation of Fluoride in the bones (Fluorosis)

**Chronic:** Prolonged exposure to vapours may cause respiratory difficulties and pulmonary oedema.

## 12 ECOLOGICAL INFORMATION

<b>Fish toxicity:</b>	Data not available
<b>Daphnia toxicity:</b>	Data not available
<b>Toxicity to algae:</b>	Data not available
<b>Bird toxicity:</b>	Data not available
<b>Bee toxicity:</b>	Data not available
<b>Other:</b>	No data available

### **Environmental fate, persistence and degradation:**

Degrades rapidly in soil and water.

## 13 DISPOSAL CONSIDERATIONS

Do not discharge into drains. Do not incinerate. Dispose of waste material via a licensed waste disposal contractor.

## 14 TRANSPORT INFORMATION

<b>UN number:</b>	1789
<b>Proper shipping name:</b>	HYDROCHLORIC ACID
<b>Class and Subsidiary Risk:</b>	<b>CLASS 8</b> "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>Packing Group:</b>	II
<b>EPG:</b>	2R

**15 REGULATORY INFORMATION**

Poison Schedule number 5 allocated

**16 OTHER INFORMATION****Preparation information:**

Only trained personnel should use this material.

**MSDS Issue**

Issue	No.3
Prepared:	01/09/2013
Next review date:	01/09/2018
Reason for Update	Review & update

Prepared by Autosmart International, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain

[www.autosmartinternational.com](http://www.autosmartinternational.com)

[rbutler@autosmart.co.uk](mailto:rbutler@autosmart.co.uk)

Tel: +44 1543 481616

**Data Sources and References:**

National Code of Practice for the preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011 (2003)].

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) No 23

National code of practice for the storage and handling of Workplace Dangerous Goods [NOHS:2017 (2001)]

National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHS:21003 (1995)]

**Disclaimer:**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

END OF MSDS