



Material Safety Data Sheet

Hazardous According To The Criteria Of NOHSC

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<u>Product Name:</u>	Acid Wash
<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 www.autosmartaustralia.com.au www.autosmartinternational.com autosmart@autosmartaustralia.com.au
<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

HAZARD DESIGNATION: Hazardous According To The Criteria Of NOHSC

RISK PHRASES: R-36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASE: S-23 Do not breathe gas/fumes/vapour/spray S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-51 Use only in well ventilated areas.
S-24/25 Avoid contact with skin and eyes.
S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection

Hazard Category: CORROSIVE

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	5-10%
Fatty Alcohol Ethoxylate	68439-46-3	1-5%
Hydrochloric acid	7647-01-0	1-5%
Phosphoric acid	7664-38-2	10-30%

Other ingredients determined not to be hazardous	To 100%
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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 from source of exposure. Keep at rest. Seek urgent 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. Emergency Shower.

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. Prevent spill from entering drains, sewers or any body of water. Contain and absorb with sand, earth or inert absorbent. Scoop or shovel into sealable containers for disposal in accordance with applicable local, state and federal regulations. Spillage's May Be Slippery.

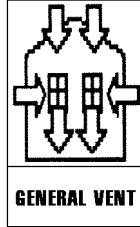
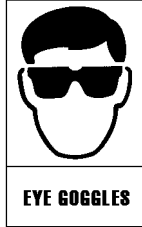
7 HANDLING AND STORAGE

Handling:

Keep out of reach of children. Avoid contact with skin and eyes and do not inhale 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.
PHOSPHORIC ACID 2mg/m³

Engineering Controls:

Ensure product is diluted in accordance with label.
Use in a well-ventilated area and avoid spraying product, if possible.
Employ measures that reduce contact with product.

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

Appearance:	Colourless Liquid
Odour:	Acidic
Vapour Pressure:	not relevant.
Vapour Density:	Not available
Boiling Point:	Approximately 100°C
Freezing/melting point:	Not available
Solubility:	Soluble in Water.
Density:	1.094 @ 20 °C
pH Neat:	1.0
Flashpoint:	Not relevant
Flammability	
(explosive) limits:	
Auto-ignition temperature:	
Percent volatiles:	
Octanol/water partition coefficient:	Not available
Formulation:	Acidic Cleaner

10 STABILITY AND REACTIVITY

Chemical stability:	Stable at room temperature
Hazardous polymerisation:	not available
Conditions to avoid:	Not available
Incompatible materials:	Incompatible with strong oxidising agents
Hazardous decomposition products:	Carbon Monoxide
Hazardous reactions:	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:

Risk of serious damage to eyes. The material should not be allowed to contact the eyes. Will cause severe pain and redness. Vapours may cause irritation.

Ingestion:

Will cause severe burns to respiratory tract and abdominal pain. Vomiting may cause lung damage.

Other: None ANIMAL TOXICITY DATA – PRODUCT: No data available for the product. ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:

Acute: Oral toxicity: LD₅₀ rat: No data

Dermal toxicity: LD₅₀ rabbit: not available

Inhalation toxicity: Irritant

Skin irritation: Irritant

Eye irritation: Irritant

Sensitisation: Not available

Chronic: Chronic effects are not expected to occur with this product.

12 ECOLOGICAL INFORMATION

Fish toxicity: Data not available

Daphnia toxicity: Data not available

Toxicity to algae: Data not available

Bird toxicity: Data not available

Bee toxicity: Data not available

Other: 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 to a regulated landfill.

14 TRANSPORT INFORMATION

UN number: UN 1789

Proper shipping name: HYDROCHLORIC ACID

Class and Subsidiary Risk: 8 – Corrosive liquid. “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Packing Group: III

EPG: Not applicable

Hazchem code: 2R

15 REGULATORY INFORMATION

Poison Schedule number 6 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

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Data Sources and References:

National Code of Practice for the preparation of Material Safety Data Sheets 2nd 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