



# Material Safety Data Sheet

## Hazardous According To The Criteria Of NOHSC

### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	<b>Stainless Steel Cleaner</b>
<b>Other Name:</b>	Stainless Steel Tea Stain Remover
<b>Manufacturer's Product Code:</b>	
<b>Recommended Use:</b>	Acidic cleaner. Product is used neat.
<b>Supplier Name:</b>	AUTOSMART AUSTRALIA
<b>Supplier Address:</b>	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>
<b>Telephone No.:</b>	02 49 75 14 88 (Mon to Fri, 08:00 – 16:00 AEST) (General Information. Transport Information. Mild medical Information)
<b>Emergency No.:</b>	0011 44 7808 971 321 (24 Hrs) (Autosmart International) 131126 (24hrs) Poisons Information Centre Australia

### 2 HAZARDS IDENTIFICATION

<b>HAZARD DESIGNATION:</b>	Hazardous According To The Criteria Of NOHSC
<b>I Hazard Category:</b>	Xi - IRRITANT
<b>Risk Phrases:</b>	
<b>I R36/38</b>	Irritating to eyes and skin
<b>Safety Phrases:</b>	
S1/2	Keep locked up and out of the reach of children.
S23	Do not breathe vapour/spray.
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)
S46	If swallowed, seek medical advice immediately and show this container or label.
<b>ADG CLASSIFICATION:</b>	Not "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Good by Road and Rail.
<b>SUSDP CLASSIFICATION:</b>	NONE

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER:	PROPORTION (% WT)
Oxalic Acid	144-62-7	1- 5%
<b>I</b> 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.**

<b><u>Inhalation:</u></b>	Remove person to fresh air – avoid becoming a casualty. Rinse nose and mouth. Seek medical attention.
<b><u>Skin Contact:</u></b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Seek medical attention. Launder clothing before re-use.
<b><u>Eye contact:</u></b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or a doctor, or for at least 15 minutes.
<b><u>Ingestion:</u></b>	If swallowed, do NOT induce vomiting. Rinse mouth. Seek immediate medical advice.
<b><u>First Aid Facilities:</u></b>	Provide an eyewash station in the workplace.
<b><u>Symptoms:</u></b>	No data available
<b><u>Medical attention:</u></b>	No data available

## 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**

The product is non combustible but will decompose under fire conditions releasing toxic and/or irritating smoke. The packaging material may burn to emit noxious fumes.

### **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 with water spray.

### **ADDITIONAL INFORMATION:**

**HAZCHEM CODE:** Not relevant

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions** For personal protection, see section 8

### **Environmental precautions**

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up.

### **Spill clean up methods**

Wear necessary protective equipment. Stop leak if possible without risk. Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose in accordance with applicable local, state and federal regulations. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Flush to sewer if local regulations permit.

## 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

**Storage:** Store product in the closed, original container in a cool, well-ventilated area away from direct sunlight. Check regularly for leaks or spills  
This material is a Scheduled poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION



### Exposure Standards:

Oxalic acid	-	8hr T.W.A. = 1mg/m <sup>3</sup> , 15 min S.T.E.L. = 2mg/m <sup>3</sup>
Phosphoric acid-		8hr T.W.A. = 1mg/m <sup>3</sup> , 15 min S.T.E.L. = 3mg/m <sup>3</sup>

T.W.A – The time-weighted average airborne concentration over an eight-hour working day, for five-day working week over an entire working life

S.T.E.L. (Short term Exposure Limit) – the average airborne concentration over a fifteen minute period which should not be exceeded at any time during a normal eight hour working day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers

### Engineering Controls:

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

### Personal Protective Equipment:

#### EYES:

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

#### CLOTHING:

Wear suitable protective clothing (chemical/acid resistant gloves and boots). Protective clothing must be stored separately from private clothing

#### GLOVES:

Avoid contact with skin. Wear PVC gloves.

#### RESPIRATORY:

If ventilation is insufficient, wear an approved respirator with filter suitable for acid mists.

#### 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:	Blue liquid
Odour:	Acidic
Vapour Pressure:	Not relevant.
Vapour Density:	Not available
Boiling Point:	Not available
Freezing/melting point:	Not available
Solubility:	Soluble in Water.
Density:	1.217@ 20 °C
pH Neat:	1
Flashpoint:	Not relevant
Flammability	
(explosive) limits:	Not relevant
Auto-ignition temperature:	Not relevant
VOC:	Not relevant
Octanol/water partition coefficient:	Not available
Formulation:	Acidic detergent cleaner.

**10 STABILITY AND REACTIVITY**

<b>Chemical stability:</b>	Stable under normal temperature conditions and recommended use.
<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**

<b><u>Inhalation:</u></b>	Do not breathe spray. Inhalation of spray will cause severe respiratory irritation resulting in sore throats and coughing.
<b><u>Skin contact:</u></b>	Corrosive to skin - may cause skin burns May not produce an immediate burning sensation upon contact, delaying the awareness that contact has occurred. Symptoms may include redness, burning, and swelling of skin. The material should not be allowed to come into contact with the skin.
<b><u>Eye contact:</u></b>	Risk of serious damage to eyes, and can result in permanent injury. The material should not be allowed to contact the eyes. Will cause severe pain and redness. Vapours may cause irritation.
<b><u>Ingestion:</u></b>	Will cause severe burns to mouth and respiratory tract. Swallowing can result in abdominal pain, diarrhoea, nausea, and vomiting. Vomiting may cause lung damage.
<b><u>Other:</u></b>	TOXICITY DATA – PRODUCT: No data available for the product.
<b>Chronic:</b>	Chronic effects are not expected to occur with this product.
	TOXICITY DATA – INDIVIDUAL INGREDIENTS:
<b>Phosphoric acid:</b>	
<b>Acute:</b>	<b>Oral:</b> LD50 rat: 1530 mg/kg <b>Dermal:</b> LD50 rabbit: 2740 mg/kg <b>Inhalation:</b> LC50 rat: >850 mg/m <sup>3</sup> /1h <b>Skin irritation:</b> Standard Draize test (rabbit) 595 mg/24h (Severe) <b>Eye irritation:</b> Standard Draize test (rabbit) 119 mg/24h (Severe) <b>Sensitisation:</b> No data available
<b>Oxalic acid:</b>	
<b>Acute:</b>	<b>Oral:</b> LD50 rat: 475 mg/kg <b>Sensitisation:</b> No data available

**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>	Data not available

**Environmental fate, persistence and degradation:**

The product is not expected to be hazardous to the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Avoid contaminating the ground or water courses. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. The product is not expected to be hazardous to waste water treatment processes. Degrades rapidly in soil and water.

**13 DISPOSAL CONSIDERATIONS**

Do not discharge into storm drains. Do not incinerate.

Dispose of unused waste material via a licensed waste disposal contractor following local government authority requirements.

Wash out container and consider recycling where facilities exist

## 14 TRANSPORT INFORMATION

**UN number:** Not applicable  
**Proper shipping name:** Not applicable  
**Class and Subsidiary Risk:** Not "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:** Not applicable  
**EPG:** Not applicable  
**Hazchem code:** Not applicable

## 15 REGULATORY INFORMATION

No Poison Schedule number 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	Formulation Change.

An **I** indicates change from the previous issue.

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### 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