



Material Safety Data Sheet

Hazardous According To The Criteria Of NOHSC

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<u>Product Name:</u>	Rinse Aid
<u>Other Name:</u>	None
<u>Manufacturer's Product Code:</u>	
<u>Recommended Use:</u>	Rinse Aid
<u>Supplier Name:</u>	AUTOSMART AUSTRALIA
<u>Supplier Address:</u>	AUTOSMART AUSTRALIA 11 DARRAMBAL CLOSE RATHMINES NSW 2283 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>	+ 44 7808 971 921 (24 Hrs) (Autosmart International, UK) 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>	FLAMMABLE DANGEROUS FOR THE ENVIRONMENT
<u>RISK PHRASES:</u>	R10 - Flammable R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
<u>SAFETY PHRASE:</u>	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. S35 - This material and its container must be disposed of in a safe way. S51 - Use only in well ventilated areas. S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.
<u>ADG CLASSIFICATION:</u>	CLASS 3 “dangerous goods” for transport by road or rail according to the Australian Code for Transport of Dangerous Goods by Road and Rail
<u>SUSDP CLASSIFICATION:</u>	NONE

3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER:	PROPORTION (% W/W)
ALCOHOL ALOXYLATE	69227-21-0	1-5%
ETHANOL	64-17-5	10-30%
PROPAN-2-OL	67-63-0	5-10%
SODIUM DIOCTYL SULPHOSUCCINATE	577-11-7	1-5%
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.

<u>Inhalation:</u>	Remove person to fresh air. Keep at rest. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing has stopped, apply artificial respiration immediately. Seek medical advice.
<u>Skin Contact:</u>	Remove all contaminated clothing. Wash the skin with plenty of water. Seek medical attention if discomfort continues. Launder clothing before re-use.
<u>Eye contact:</u>	Immediately rinse eyes thoroughly, including under eyelids, with running water for at least 15 minutes. Seek immediate medical advice.
<u>Ingestion:</u>	Do NOT induce vomiting. Seek immediate medical advice.
<u>First Aid Facilities:</u>	Provide an eyewash station in the workplace.
<u>Symptoms:</u>	Not available
<u>Medical attention:</u>	No information available

5 FIRE FIGHTING MEASURES

Extinguishing media:	Foam, dry chemical or water spray.
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 water spray.

ADDITIONAL INFORMATION:
HAZCHEM CODE: 3Y

6 ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing 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 away from heat, sparks, open flame and all other sources of ignition. 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.

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

Name	Std	TWA - 8 hrs	STEL - 15 min
Ethanol	WEL	1000 ppm 1920 mg/m ³	
Propel-2-ol	WEL	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³

WEL – Workplace Exposure Limits

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 safety goggles.

CLOTHING:

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

GLOVES:

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile/Butyl Rubber gloves are recommended but be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

RESPIRATORY:

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3). Change filters frequently. Consult instructions before use.

OTHER:

Do not eat, drink or smoke until after washing. Wash thoroughly after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue liquid
Odour:	Alcohol/solvent.
Vapour Pressure:	not relevant.
Vapour Density:	Not available
Boiling Point:	~100 ⁰ C
Freezing/melting point:	Not available
Solubility:	Soluble in Water.
Density:	~ 0.960 @ 20 °C
pH Neat:	Not available
Flashpoint:	26 ⁰ C
Flammability	
(explosive) limits:	Not available
Auto-ignition temperature:	Not available
Percent volatiles:	~19% Vol/Vol
Octanol/water partition coefficient:	Not available
Formulation:	Rinse aid

10 STABILITY AND REACTIVITY

Chemical stability:	Product is stable under normal temperature conditions
Hazardous polymerisation:	Will not occur
Conditions to avoid:	Avoid contact with acids and oxidising substances.
Incompatible materials:	Incompatible with strong oxidising agents
Hazardous decomposition products:	Carbon Monoxide
Hazardous reactions:	None anticipated. Product is stable

11 TOXICOLOGICAL INFORMATION

Inhalation:	High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.
Skin contact:	Repeated or prolonged contact may cause dryness and irritation to the skin.
Eye contact:	The material should not be allowed to contact the eyes.
Ingestion:	May cause irritation.
Other:	ANIMAL TOXICITY DATA – PRODUCT: No data available for the product. ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:
Acute:	
Oral toxicity:	Ethanol, LD50 (rat) 4935 mg/kg
Dermal toxicity:	LD50 rabbit: not available
Inhalation toxicity:	Ethanol, LC50 (Rat) 1600 ppm/8hrs
Skin irritation:	Mild irritant
Eye irritation:	Mild irritant
Sensitisation:	Not a sensitiser
Chronic:	Chronic effects are not expected to occur with this product. Not classed as a carcinogen.

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.

Will evaporate.

Biodegradable, will not accumulate. However, avoid contaminating waterways.

13 DISPOSAL CONSIDERATIONS

Normal use: Do not discharge into foul drains without permission from the authorities. Do not discharge onto open ground or into storm drains.

Undiluted product: May be suitable for incineration by an approved facility. Dispose of waste material via a licensed waste disposal contractor.

14 TRANSPORT INFORMATION

UN number: 1987
Proper shipping name: Alcohols, N.O.S. (Ethanol, Propan-2-ol)
Class and Subsidiary Risk: **CLASS 3** "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: 3Y

15 REGULATORY INFORMATION

No Poison Schedule number allocated. (Ethanol is a schedule 5 poison, except when included in preparations or admixtures, or if sold in containers of 5L or less)

16 OTHER INFORMATION**Preparation information:**

Only trained personnel should use this material.

MSDS Issue

Issue	No.4
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

rbutler@autosmart.co.uk

Tel: +44 1543 481616

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

