



## Material Safety Data Sheet

### Hazardous According To The Criteria Of NOHSC

#### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	<b>Smart Spot</b>
<b>Other Name:</b>	None
<b>Manufacturer's Product Code:</b>	
<b>Recommended Use:</b>	Solvent Grease & Oil Remover.
<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

**HAZARD DESIGNATION:** Hazardous According To The Criteria Of NOHSC

<b>Hazard Category:</b>	<b>FLAMMABLE</b> <b>N – DANGEROUS for the ENVIRONMENT</b>
<b>Risk Phrases:</b>	
R10	Flammable
R38	Irritating to skin
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage is swallowed
<b>Safety Phrases:</b>	
S1/2	Keep locked up and out of the reach of children.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
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.
S57	Use appropriate containment to avoid environmental contamination.
S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

**ADG CLASSIFICATION:** “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 5 (Standard for the Uniform Scheduling of Drugs and Poisons)

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER:	PROPORTION (% W/W)
D’Limonene	8028-48-6	30-60%
White Spirit	64742-48-9	30-60%
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. 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.

**Skin Contact:** Remove all contaminated clothing. Wash the skin with plenty of water. Seek medical attention if discomfort continues. 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. Seek immediate medical advice.

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

**Symptoms:** Not available

**Medical attention:** This product is a hydrocarbon solvent. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

### 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:** This product is a combustible liquid. 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: 3YE

**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.

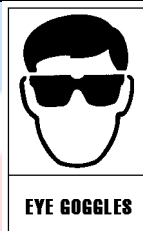
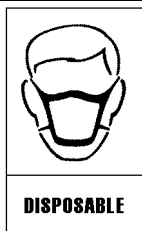
Spillage's May Be Slippery.

**7 HANDLING AND STORAGE****Handling:**

Keep 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:**

D'Limonene	-	8hr T.W.A. = 100 ppm,	15 min S.T.E.L. = 150 ppm
White Spirit	-	8hr T.W.A. = 1000 mg/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:**

use.

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:**

Avoid contact with skin. Wear PVC 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 Liquid
<b>Odour:</b>	Solvent
<b>Vapour Pressure:</b>	not relevant.
<b>Vapour Density:</b>	Not available
<b>Boiling Point:</b>	142 - 200°C
<b>Freezing/melting point:</b>	Not available
<b>Solubility:</b>	Miscible in Hydrocarbons
<b>Density:</b>	Approx. 0.800@ 20 °C
<b>pH Neat:</b>	Not relevant
<b>Flashpoint:</b>	Approx.47 deg/C
<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>	Solvent Degreaser

**10 STABILITY AND REACTIVITY**

<b>Chemical stability:</b>	Normally stable
<b>Hazardous polymerisation:</b>	Not available
<b>Conditions to avoid:</b>	Avoid excessive heat
<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>	Harmful: may cause lung damage if swallowed. Do not breathe vapour / spray / fumes. Inhalation of spray may produce respiratory irritation and can result in headaches, dizziness, drowsiness, and possibly nausea.
<b><u>Skin contact:</u></b>	Mild irritant and drying to the skin. The material should not be allowed to come into contact with the skin.
<b><u>Eye contact:</u></b>	The material should not be allowed to contact the eyes. Will cause pain and redness. Vapours may cause irritation.
<b><u>Ingestion:</u></b>	Aspiration of product into the lungs can cause fatal chemical pneumonitis.
<b><u>Other:</u></b>	

TOXICITY DATA – PRODUCT: No data available for the product.  
TOXICITY DATA – INDIVIDUAL INGREDIENTS:

**D'Limonene:****Acute:**

**Oral:** LD50 rat: 4400 mg/kg  
**Dermal:** LD50 rabbit: 2000 mg/kg  
**Inhalation:** No data available  
**Skin irritation:** No data available  
**Eye irritation:** No data available  
**Sensitisation:** No data available

**White Spirit:****Acute:**

**Oral:** LD50 rat: 2000 mg/kg  
**Oral:** LD50 rabbit: 2000 mg/kg  
**Dermal:** No data available  
**Inhalation:** LC 50 rat: 5000 mg/kg 4h  
**Skin irritation:** No data available  
**Eye irritation:** No data available

Sensitisation: 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>	L(E)C 50 0.1 – 1.0 mg/L

**Environmental fate, persistence and degradation:**

do not allow product to enter storm drains, sewers, waterways, or ground water. However degrades rapidly in air, soil and water

**13 DISPOSAL CONSIDERATIONS**

Do not discharge into drains. Dispose of waste material via a licensed waste disposal contractor to a regulated landfill.

**14 TRANSPORT INFORMATION**

<b>UN number:</b>	1993
<b>Proper shipping name:</b>	FLAMMABLE LIQUIDS, N.O.S (White Spirit, D' Limonene)
<b>Class and Subsidiary Risk:</b>	<b>CLASS 3</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>	III
<b>EPG:</b>	Not applicable
<b>Hazchem code:</b>	3YE

**15 REGULATORY INFORMATION**

Allocated Poison schedule number – Not applicable

**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 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:**

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END OF MSDS