

## **MATERIAL SAFETY DATA SHEET**

<b>Section 1:</b>	<b>MATERIAL &amp; SUPPLIER IDENTIFICATION</b>
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**Product:** SOLVENT B1  
**Description:** PETROLEUM SPIRIT  
**Code:**  
**Use:** PARTS CLEANER

**SUPPLIER:** **AUSFIELD SALES**  
A.B.N 47 088 620 473  
FACTORY 1/36 MICKLE ST,  
DANDENONG SOUTH  
VICTORIA 3175 AUSTRALIA

**EMERGENCY RESPONSE CONTACT: 1800 023 005**

<b>Section 2:</b>	<b>HAZARDS IDENTIFICATION</b>
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### **HEALTH HAZARD CLASSIFICATION**

This product is classified as hazardous under Safe Work Australia criteria

#### **HAZARD CATEGORY**

Xn: Harmful; Xi: Irritant

#### **RISK PHASES**

R38: Irritating to skin

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation

R62: Possible risk of impaired fertility

R65: Harmful: May cause lung damage if swallowed

R67: Vapours may cause drowsiness or dizziness

#### **SAFETY PHRASES**

S9: Keep container in a well-ventilated area

S16: Keep away from sources of ignition

S23: Do not breathe vapour/mist/spray

S24: Avoid contact with skin

S43A: In case of fire use sand, earth, chemical powder or foam

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

**Dangerous Goods Classification 3**

**Poison Schedule 5**

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## Section 3: INFORMATION ON INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>CAS NO.</u>	<u>PROPORTION</u>
NAPHTHA, PETROLEUM SPIRIT, HYDROTREATED LIGHT	64742-49-0	100
<b>CONTAINS:</b> Heptane and Isomers	Various	35-55
Cyclohexane	110-82-7	25-35
n-hexane	110-54-3	~8.0
Methyl Cyclohexane	108-87-2	<15

## Section 4: FIRST AID MEASURES

**SKIN CONTACT:** Wash affected areas with soap and water. If irritation occurs, seek immediate medical attention.

**EYE CONTACT:** Flush thoroughly with water for at least 15 minutes. seek immediate medical attention.

**INGESTION:** DO NOT induce vomiting. Keep at rest. Seek immediate medical attention

**INHALATION:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

**FIRST AID FACILITIES:** Provide eye baths and safety showers.

**MEDICAL ATTENTION:** Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

## Section 5: FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

**Appropriate for Use:** Foam, Dry Chemical

**Hazards from combustion products:** Carbon dioxide and carbon monoxide

**FIREFIGHTING:** Evacuate Area. Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

**Hazchem Code:** 3YE

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### Section 6: ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURES:** Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. If possible contain the spill. Prevent entry into sewers, waterways, basements or confined areas. Place inert absorbent material on spillage e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

### Section 7: HANDLING AND STORAGE

**HANDLING:** This product is flammable. Do not open near open flame, sources of heat or ignition. Use in well ventilated areas. Do not smoke and ensure appropriate clothing is worn.

**STORAGE:** Store undercover in cool, dry place with good ventilation to avoid water contamination and fading. Products should not be stored over 60°C. Do not pressurise, cut, heat or weld containers- residual vapours are flammable.

**INCOMPATIBLE MATERIALS:** Natural Rubber, Butyl Rubber, EPDM, Polystyrene

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards:** The time weight average concentration (TWA) is : 600 mg/m<sup>3</sup> (159 ppm), which means the highest allowable exposure concentration in an eight hour day for a five-day working week. The short term exposure limit (STEL) is; Not specified, which is the maximum allowable exposure concentration at any time.

**Biological Limit Values:** No Biological limit allocated.

**Engineering Controls:** Ventilation to keep airborne levels below the exposure limit.

**Respiratory protection:** If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate.

**Hand protection:** Wear protective gloves if prolonged or repeated contact is likely. Glove suitability and breakthrough time will differ depending on the specific use conditions.

**Eye Protection:** Safety glasses with side shields and a face shield when using this product

**Skin and body:** Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated and enclosed footwear or safety boots.

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### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, colourless liquid
<b>Density @ 15c :</b>	0.72 g/ml
<b>Boiling Point :</b>	75-115 C
<b>Flash Point :</b>	-15 C
<b>Pour Point :</b>	- 36 c
<b>Viscosity @ 20°C:</b>	Not Available
<b>Autoignition Temp:</b>	>200 C
<b>Vapour Pressure @ 20C:</b>	8.65 kPa
<b>Exposure Limits (LEL-UEL) :</b>	1-7 %
<b>Solubility in water (g/L) :</b>	<0.10 % w/w

### Section 10: STABILITY AND REACTIVITY

**Stability:** Product is Stable under normal conditions of use.

**Conditions to Avoid:** sources of heat, Fire, Direct Sunlight or other sources of ignition

**Incompatible Materials:** Strong oxidising agents

**Hazardous Decomposition Products:** Product does not decompose except on burning.

**Hazardous Reactions:** Oxidizing agents, mineral acids, halogenated organic compounds.

### Section 11: TOXICOLOGICAL INFORMATION

**Toxicology Information:** No toxicology data available for this product.

**Inhalation** Inhalation of product vapours cause irritation of the nose, throat and respiratory system. Exposure to large concentrations over an extended period of time will result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations and possible loss of consciousness.

**Ingestion** Ingestion of this product may irritate the gastric tract causing nausea and vomiting. It can produce hallucinations and narcotic effect.

**Skin** May cause redness, itching, irritation, dryness and cracking.

**Eye** May cause eye irritation, tearing, stinging, blurred vision, and redness.

**Chronic Effects** There is evidence of potentially irreversible damage to the peripheral nervous system, particularly the hands and legs.

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### Section 12: ECOLOGICAL INFORMATION

**Persistence/ degradability:** Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air. Does not bioaccumulate significantly.

**Mobility :** This product is highly volatile and will rapidly evaporate to the air if released into the water.

### Section 13: DISPOSAL CONSIDERATIONS

**Disposal Considerations:** Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Dispose of waste according to federal, EPA and state regulations.

### Section 14: TRANSPORT INFORMATION

**Transport Information:**  
**Proper Shipping Name:** Liquid Hydrocarbons, N.O.S  
**DG Class:** 3  
**Sub. Risk:** None  
**Pack Group:** II  
**Hazchem:** 3YE

### Section 15: REGULATORY INFORMATION

**Country Region:** Australia  
**Inventory:** Ausfield Lubricants  
**Status:** Listed

### Section 16: OTHER INFORMATION

#### History

**Date of Issue:** November 2012

**Prepared by:** Technical and Quality Manager

Please note that whilst all steps have been taken to ensure information is accurate as of date specified above, No warranty or representation is made as to the accuracy of the information and data on this sheet.