



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** STAINLESS STEEL OIL

**Product Use:** Stainless steel oil and solvent cleaner.

Miro's General Cleaning Services P/L trading as ATOMIC CHEMICALS

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**Emergency Telephone Number:** 13 11 26

## 2. HAZARDS IDENTIFICATION

**GHS Classification:** Flammable Liquids, Category 2

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Irritation, Category 2A

Specific Target Organ Toxicity- Single Exposure, Category 3

Aspiration Hazard, Category 1

**Pictograms:**



**Signal Word:** DANGER

**Hazard Statements:**

H225: Highly flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

H335: May cause respiratory irritation

H315: Causes skin irritation

H319: Causes serious eye irritation

**Precautionary Statements:**

**Prevention**

P264: Wash hands thoroughly after handling.

P261: Avoid breathing dusts/fume/gas/mists/vapours/spray.

P210: Keep away from heat/ sparks/open flames/ hot surfaces.

P233: Keep container tightly closed.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P301+P310+P331: IF SWALLOWED: Rinse mouth. Do Not induce vomiting.

P312: Call a POISON CENTRE or doctor/physician if you feel unwell.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/ attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Storage**



P405: Store locked up.

P403+P223: Store in a well vented place. Keep container tightly closed.

**Disposal**

P501: Dispose of container in accordance with local/regional/national/international regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredients**

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion %:</u>
Mineral Turpentine		30 - 60
Highly refined mineral oil		30 -60
d-Limonene	5989-27-5	<10
Surfactant (Propriety Blend)		<10

**4. FIRST AID SUPPLIER**

**Poisons Information Centre: Phone 13 11 26**

**First Aid**

**Swallowed:** Contact a doctor or Poisons Information Centre. Do not induce vomiting. Rinse mouth with water and give glass of water. Never give anything by mouth to an unconscious person.

**Eye:** Immediately hold the eyes open and rinse continuously with plenty of water for at least 15 minutes and contact a doctor or Poisons Information Centre.

**Skin:** Remove any contaminated clothing and immediately wash contaminated skin with plenty of water. If irritation occurs, seek medical attention.

**Inhaled:** Remove affected person to fresh air. Seek medical attention if effects persist.

**First Aid Facilities:** Eye wash station.

**Advice to Doctor:** Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**Explosion Hazard:** Flammable liquid. Combustion products include oxides of carbon.

**Fire Fighting Procedures:** Normal firefighting procedures may be used. Fire fighters to wear fully encapsulating, gas-tight suits for maximum protection.

**Extinguishing Media:** Foam, CO<sub>2</sub>, or Dry chemical.

**6. ACCIDENTAL RELEASE MEASURES**

**Spill Control:** Contain large spills and mop up. Avoid contact to eyes. Use absorbent (soil or sand, sawdust) material to collect. Slippery when spilt. Place in a suitable, labelled container for waste disposal. Do not let spilled or leaking material enter drains and waterways.

**7. HANDLING AND STORAGE**

**Handling and Storage:** Store in tightly closed containers in cool, dry, isolated well ventilated areas away from heat, sources of ignition and incompatibles. Store with all precautions required for handling flammable liquids.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**



<b>Exposure limits:</b>	Mineral Turpentine	480mg/m <sup>3</sup> TWA
	Highly refined mineral oil	5mg/m <sup>3</sup> TWA
<b>Engineering Controls:</b>	Provide adequate ventilation. Avoid breathing vapour of product. Use with adequate ventilation.	
<b>Personal Protection:</b>	<u>Eye:</u> Safety glasses are recommended. <u>Respiratory:</u> None should be needed under normal circumstances. If concentration is to exceed the exposure limit then wear an approved respirator. <u>Skin:</u> Avoid contact, PVC or Neoprene gloves are recommended.	
<b>Flammability:</b>	Product is FLAMMABLE. Isolate from sources of heat, naked flames, sparks and oxidising materials. Take precautions against discharges of static electricity. Ensure ventilation is adequate to prevent buildup of explosive. All electrical equipment used in proximity to storage of this product should be in accordance with local wiring regulations and Australian Standards..	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical Description/Properties

Appearance/Odour: Clear to Straw coloured liquid with characteristic odour

Boiling Point/Melting Point: Not determined

Vapour Pressure: Not determined

Specific Gravity: 0.83

Flashpoint: Not determined

Flammability Limits: Not determined

Solubility in Water: Insoluble

Evaporation Rate: Not determine.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Reactivity:** The vapour is heavier than air and may travel along the ground, distant ignition and flashback are possible.

## 11. TOXICOLOGICAL INFORMATION

### Health Effects - Acute

Swallowed: Harmful if swallowed. Tends to break into a foam if patient vomits.

Aspiration into the lungs may lead to chemical pneumonitis.

Eye: Mildly irritating to the eyes.

Skin: Mildly irritating to the skin. Prolonged and repeated skin contact may cause dermatitis due to defatting effect. Contains a potential skin sensitiser.

Inhaled: May cause irritation to the respiratory system. Prolonged exposure somnolence and narcosis.

**Health Effects: Chronic:** Information based on d-Limonene and Mineral Turpentine suggest prolonged or repeated exposure can cause drying, defatting and dermatitis of skin.

## 12. ECOLOGICAL INFORMATION

**Volatile Organic Compounds:** Not determined



Avoid contaminating waterways.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Method:** No special method. Observe all applicable governmental regulations and local ordinances regarding disposal of hazardous materials.

### 14. TRANSPORT INFORMATION

**UN Number:** 1300  
**Hazchem Code:** 3[Y]E  
**Transport of Dangerous Goods:** PG III  
**Dangerous Goods Class and Subsidiary Risk:** CLASS 3 - FLAMMABLE

### 15. REGULATORY INFORMATION

**Poison Schedule:** S5

**AICS:** All chemicals listed on the Australian Inventory of Chemicals Substances (AICS)

### 16. OTHER INFORMATION

LD50 (Acute Oral Toxicity):	Not determined (however LD50 (rat) for mineral oil is 5,000 mg/kg)
LD50 (Acute Dermal Toxicity):	Not determined (however LD50 (rabbit) for mineral oil is 2,000 mg/kg)
Carcinogenicity:	None Known
Teratogenicity:	None Known
Mutagenicity:	None Known
Fish Toxicity:	Not determined

**Biodegradability:** The surfactants are biodegradable per the Australian standard AS1792.

**Abbreviations and Definitions of terms used:**

<	less than
>	greater than
%	percentage
deg C	Degrees Celsius
g	gram
kg	kilogram
LD50	The dose (swallowed all at once) which is lethal to 50% of a group of test animals.
mg	milligram
miscible	A liquid that mixes homogeneously with another liquid
ppm	parts per million

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