



## HURST SCIENTIFIC

### Safety Data Sheet Immersion Oil

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#### SECTION 1: Identification

##### GHS Product identifier

Product name	Immersion Oil
Product number Brand	IMMOIL-500M, 1L, 2.5L, 5L, 10L Hurstchem

##### Other means of identification

Cedarwood Oil

##### Recommended use of the chemical and restrictions on use

Microscopic specimen preparation

##### Supplier's details

Name	Hurst Scientific
Address	2/36 Hensbrook Loop 6112 Forrestdale WA Australia
Telephone	1300 778 068
email	sales@hurstscientific.com.au

##### Emergency phone number

Australian Poisons Information Centre 131 126  
Australian Emergency Services 000

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#### SECTION 2: Hazard identification

##### General hazard statement

Classified as a Non Hazardous substance according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

##### Classification of the substance or mixture

##### GHS classification in accordance with: UN GHS revision 8

##### GHS label elements, including precautionary statements

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#### SECTION 3: Composition/information on ingredients

##### Mixtures

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## Immersion Oil

### Hazardous components

Immersion Oil	100%
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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

If inhaled	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.
In case of skin contact	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.
In case of eye contact	If in eyes, hold eyes open, flood with water for at least 15 minutes. If symptoms persist transport to nearest medical facility for additional treatment.
If swallowed	do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

### Personal protective equipment for first-aid responders

Eye wash station, safety shower and First Aid kit.

### Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically based on judgement of doctor and individual reactions of patient.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Foam, water spray or fog, dry chemical powder.

### Specific hazards arising from the chemical

Oxides of carbon

### Special protective actions for fire-fighters

Wear SCBA (Self-Contained Breathing Apparatus) and full protective equipment.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Ventilate contaminated area thoroughly.

### Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

### Methods and materials for containment and cleaning up

Use appropriate instruments to put the spilled material in a waste disposal container. Dispose of in accordance with regional regulations.

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## SECTION 7: Handling and storage

### Precautions for safe handling

Avoid contact with skin, eyes and clothing. Do not ingest. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Keep containers tightly closed as glycerol is hygroscopic (absorbs water). Handle and open containers with care in a well-ventilated area.

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## Immersion Oil

### Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants.

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## SECTION 8: Exposure controls/personal protection

### Appropriate engineering controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Safety glasses or goggles.

#### Skin protection

Use gloves.

#### Environmental exposure controls

Biological Limit Values Not allocated for this product.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Appearance	Viscous liquid
Color	Clear
Flammability	Combustible
Density and/or relative density	0.86g/ml@15°C
Refractive index	1.515

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## SECTION 10: Stability and reactivity

### Reactivity

Stable under normal conditions of use.

### Chemical stability

Stable under normal conditions of use.

### Possibility of hazardous reactions

Stable under normal conditions of use.

### Incompatible materials

Strong acids, alkalis and oxidising agents.

### Hazardous decomposition products

Oxides of carbon and nitrogen.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not classified

#### Skin corrosion/irritation

Not classified

#### Serious eye damage/irritation

Not classified

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## Immersion Oil

**Respiratory or skin sensitization**  
Not classified

**Germ cell mutagenicity**  
Not classified

**Carcinogenicity**  
Not classified

**Reproductive toxicity**  
Not classified

**Specific target organ toxicity (STOT) - single exposure**  
Not classified

**Specific target organ toxicity (STOT) - repeated exposure**  
Not classified

**Aspiration hazard**  
Not classified

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## SECTION 12: Ecological information

**Toxicity**  
Data not available

**Persistence and degradability**  
Data not available

**Bioaccumulative potential**  
Data not available

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## SECTION 13: Disposal considerations

### Disposal methods

**Product disposal**  
Ensure waste disposal conforms to local waste disposal regulations.

**Packaging disposal**  
Ensure waste disposal conforms to local waste disposal regulations.

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## SECTION 14: Transport information

UN Number	None
UN Proper Shipping Name	None
Transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None
Transport in bulk according to IMO instruments	None

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## SECTION 15: Regulatory information

**Chemical Safety Assessment**  
• Poison Schedule: Not Scheduled

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## SECTION 16: Other information

**Further information/disclaimer**

# **Safety Data Sheet**

## **Immersion Oil**

This SDS is prepared in accordance with the Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011). The information contained within is believed to be accurate at the date of preparation/review. Hurst Scientific makes no claims of the accuracy or completeness of the information and excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. It is recommended the user make their own determinations as to the suitability of the information provided to the application in which the product is to be used.

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### **Preparation information**

#### **References**

1. Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011).
2. Safe Work Australia, National Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015).
3. Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants (2013)
4. National Transport Commission Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); Canprint: Canberra (2007), Volume 1, 7th Edition.
5. Standards Australia, Dangerous Goods Initial Emergency Response Guide: Australian Handbook (SAA/SNZ HB76); Homebush (2004).