
MATERIAL SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: Immersion Oil

Product Number: REA202

Brand: Solmedia Ltd

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory Chemical

1.3 Details of the supplier of the safety data sheet

Company: Solmedia Ltd.

Unit 2, Vernon Drive

Battlefield Enterprise Park

Shrewsbury

SY1 3TF

UNITED KINGDOM

Telephone: 0844 80 80 900

Fax: 0844 80 80 901

E-mail address: labsupplies@solmedialtd.com

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 4: H413

Most important adverse effects: May cause long lasting harmful effects to aquatic life.

2.2 Label elements

Hazard statements: H413: May cause long lasting harmful effects to aquatic life.

Precautionary statements: P273: Avoid release to the environment.

P501: Dispose of contents/container to an approved waste disposal plant.

2.3 Other hazards

Other hazards: No data available.

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical identity: IMMERSION OIL BASIC R.I. 1.5185

Contains: Immersion Oil

SECTION 4: First aid measures

4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Flush eyes with water as a precaution.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person.
Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Prolonged skin contact may cause redness and irritation.

Eye contact: There may be irritation and redness.

Ingestion: May cause discomfort if swallowed.

Inhalation: May cause respiratory irritation.

Delayed / immediate effects: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Ensure adequate ventilation. Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

For disposal see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Normal measures for preventative fire protection. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Not applicable.

7.3 Specific end use(s)

No special requirement.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: no data available.

DNEL/PNEC Values: No data available.

8.2 Exposure controls

Engineering measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory protection: Not applicable.

Hand protection: Protective gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection: Not applicable.

Skin protection: Not applicable.

Environmental: Do not let product enter drains. Prevent from entering in public sewers or the immediate environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Odour: Aromatic

Boiling point/range°C: > 200°C @ 760 mm Hg **Vapour pressure:** < 0.1 hPa @ 20°C

Relative density: 0.94 @ 20°C

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity: No Data available.

10.2 Chemical stability

Stable under normal conditions. Stable at room temperature.

10.3 Possibility of hazardous reactions

Will not polymerise.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No data available.

Symptoms/ routes of exposure

Skin contact: Prolonged skin contact may cause redness and irritation.

Eye contact: There may be irritation and redness.

Ingestion: May cause discomfort if swallowed.

Inhalation: May cause respiratory irritation.

Delayed / immediate effects: No data available.

Other information: Not applicable.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

Insoluble in water

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

14.1 Transport Class

This product does not require a classification for transport.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.