

# SAFETY DATA SHEET

IMMERSION OIL BASIC R.I. 1.5185

Page: 1

Compilation date: 10/12/2018

Revision No: 1

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** IMMERSION OIL BASIC R.I. 1.5185

**Product code:** RRSP21

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

**Use of substance / mixture:** PC21: Laboratory chemicals.

### 1.3. Details of the supplier of the safety data sheet

**Company name:** Atom Scientific Ltd

2b East Tame Business Park

Hyde

Manchester

SK14 4GX

**Tel:** 0161 366 5123

**Fax:** 01704 337167

**Email:** technical@atomscientific.com

### 1.4. Emergency telephone number

**Emergency tel:** 07833453806

## 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

**Label elements under CLP:**

**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

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**SAFETY DATA SHEET**  
IMMERSION OIL BASIC R.I. 1.5185

Page: 2

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

**Immediate / special treatment:** No data available.

#### Section 5: Fire-fighting measures

##### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Carbon dioxide. Dry chemical powder. Water spray. Do NOT use water jet.

##### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Carbon Oxides.

##### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Use water spray to cool unopened containers.

#### 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

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

##### 6.3. Methods and material 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.

[cont...]

**SAFETY DATA SHEET**  
IMMERSION OIL BASIC R.I. 1.5185

Page: 3

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Normal measures for preventive 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)**

**Specific end use(s):** No special requirement.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**8.1. DNEL/PNEC Values**

**DNEL / PNEC** 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

[cont...]

**SAFETY DATA SHEET**  
IMMERSION OIL BASIC R.I. 1.5185

Page: 4

**9.2. Other information**

**Other information:** Not applicable.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** No data available.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Will not polymerise.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** 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**

**Toxicity values:** 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**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

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**SAFETY DATA SHEET**  
IMMERSION OIL BASIC R.I. 1.5185

Page: 5

**12.4. Mobility in soil**

**Mobility:** Insoluble in water.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

**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.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Dispose of as unused product.

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

**Section 14: Transport information**

**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**

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

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:** H413: May cause long lasting harmful effects to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.