# SAFETY DATA SHEET

Sheffield GROUP
Cutting Tool Perfection

# IBO.P911

## SHEFFIELD GROUP

Catalogue number: **IBO.P911.500**
Version No: **1.1**
Issue date: **08/12/2020**
Safety Data Sheet according to WHS and ADG requirements

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

| | |
|---|---|
| **Product name** | IBO.P911 |
| **Synonyms** | IBO.P911.500 |
| **Other means of identification** | Not Available |

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

| | |
|---|---|
| **Relevant identified uses** | Lubricating oil for metalworking |

### Details of the manufacturer/importer

| | |
|---|---|
| **Registered company name** | SHEFFIELD GROUP |
| **Address** | 55 Pendlebury Road, Cardiff 2285 NSW Australia |
| **Telephone** | +61 2 4957 8787 |
| **Fax** | +61 2 4957 3737 |
| **Website** | www.sheffield.com.au |
| **Email** | sales@sheffield.com.au |

### Emergency telephone number

| | |
|---|---|
| **Association / Organisation** | Poisons Information Centre |
| **Emergency telephone numbers** | 13 1126 |
| **Other emergency telephone numbers** | Not Available |

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

| | |
|---|---|
| **Poisons Schedule** | Not Applicable |
| **GHS Classification** | Not classified as hazardous, |

### Label elements

| | |
|---|---|
| **GHS label elements** | Not applicable. |
| | |
| **SIGNAL WORD** | Not applicable |

### Hazard statement(s)

Not Applicable

### Precautionary statement(s) Prevention

| | |
|---|---|
| **P102** | Keep out of reach of children |

### Precautionary statement(s) Response

Not Applicable

### Precautionary statement(s) Storage

Not Applicable

### Precautionary statement(s) Disposal

| | |
|---|---|
| **P501** | Dispose of contents / container in accordance with local government regulations |

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### Substances

Non-hazardous highly refined Distillates (petroleum), hydrotreated heavy paraffinic containing less than 3% dimethylsulfoxide (DMSO)
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health

## SECTION 4 FIRST AID MEASURES

### Description of first aid measures

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|---|---|
| **Eye Contact** | If this product comes in contact with eyes:<br>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue flushing for at least 10 minutes.<br>If irritation continues, seek medical attention.<br>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| **Skin Contact** | Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap.<br>In case of skin irritation, consult a physician. |
| **Inhalation** | Remove casualty to fresh air and keep warm and at rest. Where appropriate artificial ventilation. In case of respiratory tract irritation, consult a physician. |
| **Ingestion** | Do NOT induce vomiting.<br>Rinse mouth thoroughly with water.<br>If material has been swallowed and the exposed person is conscious, give small quantities of water to drink.<br>Obtain medical advice / attention. |

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

### Extinguishing media

| | |
|---|---|
| **Extinguishing media** | Use dry chemical, CO2, alcohol-resistant foam or water spray (fog). **Do not** use water jet. |

### Special hazards arising from the substrate or mixture

| | |
|---|---|
| **Fire incompatibility** | None known |

### Advice for firefighters

| | |
|---|---|
| **Fire Fighting** | Alert Fire Brigade and tell them location and nature of hazard.<br>Wear a self-contained breathing apparatus and chemical protective clothing.<br>Move undamaged containers from immediate hazard area if it can be done safely.<br>Collect contaminated fire extinguishing water separately. Do not allow it to enter drains or surface water. |
| **Fire/Explosion Hazard** | In case of fire, Carbon dioxide (CO2), Carbon monoxide, sulfur oxides may be liberated. |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

| | |
|---|---|
| **Minor Spills** | Clean up at once.<br>Absorb with absorbent material (e.g. sand, diatomaceous earth, acid- or universal binding agents). |
| **Major Spills** | Use personal protection equipment. Avoid contact with skin, eyes and clothes.<br>Wear breathing apparatus if exposed to vapours/dusts/aerosols.<br>Keep away from sources of ignition - No smoking<br>Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations.<br>Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.<br>Ventilate affected area.<br>Prevent by any means available any spillage entering a watercourse. |

| | |
|---|---|
| **PPE** | Personal Protective Equipment advice is contained in Section 8 of the SDS. |

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

| | |
|---|---|
| **Safe handling** | Use only in well-ventilated areas<br>Put lids on containers immediately after use.<br>Avoid direct contact with skin and eyes<br>When using do not eat, drink or smoke |
| **Other information** | High slip hazard because of leaking or spilled product |

### Conditions for safe storage, including any incompatibilities

| | |
|---|---|
| **Suitable container** | Original containers |
| **Storage incompatibility** | Keep away from food, drink and animal foodstuffs.<br>Do not store with oxidizing agents.<br>Protect against Frost Heat. UV-radiation/sunlight Water Humidity. |
| **Other information** | Keep container tightly closed in a cool well-ventilated place<br>Protect containers against damage.<br>Provide earthing of containers, equipment, pumps and ventilation facilities.<br>Recommended storage temperature: 5-40 °C |

**PACKAGE MATERIAL INCOMPATIBILITIES**
Not Available

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

**OCCUPATIONAL EXPOSURE LIMITS (OEL)**

**INGREDIENT DATA**

Not Available

### Exposure controls

| | |
|---|---|
| **Appropriate engineering controls** | Use only in well-ventilated areas.<br>If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by mechanical means. |
| **Personal protection** | Take off contaminated clothing and wash before re-use. Wash hands before breaks and after work.<br>Do not put any product-impregnated cleaning rags into your trouser pockets.<br>Apply skin care products after work. |
| **Eye and face protection** | Wear eye protection/face protection with side shield. |
| **Hands/feet protection** | Tested protective gloves must be worn: DIN EN 374<br>The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Do not wear gloves near rotary machines and tools.<br>**Suitable material** :<br>Wearing time with permanent contact:<br>Material: NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber), PVA (Polyvinyl alcohol),<br>Thickness of the glove material: 0,70 mm<br>Breakthrough time (maximum wearing time): > 480 min<br>Wearing time with occasional contact (splashes):<br>Material: NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber), PVA (Polyvinyl alcohol),<br>Thickness of the glove material: 0,40 mm<br>Breakthrough time (maximum wearing time): > 30 min<br>**Breakthrough time (maximum wearing time):** : For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.<br>Check leak tightness/impermeability prior to use. |
| **Respiratory protection** | Usually no personal respiratory protection necessary.<br>If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance** | Clear yellow liquid |

| | | | |
|---|---|---|---|
| **Physical state** | Liquid | **Relative density (Water = 1)** | 0.87 |
| **Odour** | Mineral oil | **Molecular weight (g/mol)** | Not Available |
| **Odour threshold** | Not Available | **Auto-ignition temperature (°C)** | >300 |
| **pH (as supplied)** | 7 | **Decomposition temperature** | >300 |
| **Melting point / freezing point (°C)** | -12 | **Surface Tension (dyn/cm or mN/m)** | Not Available |
| **Initial boiling point and boiling range (°C)** | >300 | **Partition coefficient n-octanol / water** | Not Available |
| **Flash point (°C)** | 178 | **Taste** | Not Available |
| **Evaporation rate** | Not Available | **Explosive properties** | Not explosive |
| **Flammability** | Not applicable | **Oxidising properties** | Not oxidising |
| **Upper Explosive Limit (%)** | 6.5 | **Viscosity (cSt)** | 27.7 (40°C) |
| **Lower Explosive Limit (%)** | 0.6 | **Volatile Component (%vol)** | Not Available |
| **Vapour pressure (kPa)** | <0.01 | **Gas group** | Not Available |
| **Solubility in water (g/L)** | Not Miscible | **pH as a solution** | Not Available |
| **Vapour density (Air = 1)** | Not Available | **VOC g/L** | Not Available |

## SECTION 10 STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity** | No information available. |
| **Chemical stability** | The product is chemically stable under recommended conditions of storage, use and temperature. |
| **Possibility of hazardous reactions** | Under normal conditions of storage and use, hazardous reactions will not occur. |
| **Conditions to avoid** | No information available. |
| **Incompatible materials** | Oxidizing agents, strong. acid. |
| **Hazardous decomposition products** | Hazardous decomposition products are not expected to form during normal storage |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

There are no significant effects or critical hazards.

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

No available data

### Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|---|---|---|
| | No relevant data | |

### Bio accumulative potential

| Ingredient | Bioaccumulation |
|---|---|
| | No relevant data |

### Mobility in soil

| Ingredient | Mobility |
|---|---|
| | No relevant data |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

| | |
|---|---|
| **Product / packaging disposal** | Recycle containers whenever possible.<br>Product residues and containers should be disposed of in accordance with local government regulations. |

## SECTION 14 TRANSPORT INFORMATION

### Labels Required

| | |
|---|---|
| **Marine Pollutant** | NO |
| **HAZCHEM** | Not Applicable |

### Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

## SECTION 15 REGULATORY INFORMATION

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

Not applicable

## SECTION 16 OTHER INFORMATION

### Revision Schedule

| | |
|---|---|
| **Revision Date** | Not applicable |
| **Initial Date** | 08/12/2020 |

### SDS Version Summary

| Version | Issue Date | Sections Updated |
|---|---|---|
| 1.1 | 08/12/2020 | Not applicable |

### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, CCID New Zealand, GESTIS Germany, NICNAS and HCIS Australia and supplier's dossier.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

**Definitions and abbreviations**

| | |
|---|---|
| PC-TWA; | Permissible Concentration-Time Weighted Average |
| PC-STEL: | Permissible Concentration-Short Term Exposure Limit |
| IARC: | International Agency for Research on Cancer |
| ACGIH: | American Conference of Government Industrial Hygienists |
| STEL: | Short Term Exposure Limit |
| TEEL: | Temporary Emergency Exposure Limit |
| IDLH: | Immediate Danger to Life or Health Concentrations |
| OSF: | Odour Safety Factor |
| NOAEL: | No Observed Effects Level |
| TLV: | Threshold Limit Value |
| LOD: | Limit Of Detection |
| OTV: | Odour Threshold Value |
| BCF: | Bio Concentration Factors |
| BEI: | Biological Exposure Index |



# End of SDS