

# SAFETY DATA SHEET



Cutting Tool Perfection

## IBO.10

### SHEFFIELD GROUP

Catalogue number: IBO.1001

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.10
Synonyms	IBO.1001
Other means of identification	Not Available

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

Relevant identified uses	Metal working fluid
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### 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	<a href="http://www.sheffield.com.au">www.sheffield.com.au</a>
Email	<a href="mailto:sales@sheffield.com.au">sales@sheffield.com.au</a>

### 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 Applicable. All ingredients are non-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
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### 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
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**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS****Substances**

CAS No	%(weight)	Name
64742-65-0	>60	Highly refined <u>Distillates (petroleum), hydrotreated heavy paraffinic</u> containing less than 3% dimethylsulfoxide (DMSO)

**SECTION 4 FIRST AID MEASURES****Description of first aid measures**

<b>Eye Contact</b>	If this product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin Contact</b>	Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.
<b>Inhalation</b>	Remove casualty to fresh air and keep warm and at rest. Where appropriate artificial ventilation. In case of respiratory tract irritation, consult a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician immediately. Rinse mouth thoroughly with water. Where appropriate artificial ventilation.

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

Treat symptomatically. Observe risk of aspiration if vomiting occurs.

**SECTION 5 FIREFIGHTING MEASURES****Extinguishing media**

<b>Extinguishing media</b>	Foam, Extinguishing powder, Carbon dioxide (CO <sub>2</sub> ), Water spray, Water mist. DO NOT use strong water jet.
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**Special hazards arising from the substrate or mixture**

<b>Fire incompatibility</b>	None known
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**Advice for firefighters**

<b>Fire Fighting</b>	Alert Fire Brigade and tell them location and nature of hazard. Wear a self-contained breathing apparatus and chemical protective clothing. Do not inhale explosion and combustion gases. Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow it to enter drains or surface water.
<b>Fire/Explosion Hazard</b>	In case of fire, Carbon dioxide (CO <sub>2</sub> ), Carbon monoxide, Nitrogen oxides (NO <sub>x</sub> ) may be liberated.

**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Minor Spills</b>	Clean up at once. Absorb with absorbent material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
<b>Major Spills</b>	Use personal protection equipment. Avoid contact with skin, eyes and clothes. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Keep away from sources of ignition - No smoking Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. Ventilate affected area. Prevent by any means available any spillage entering a watercourse.
<b>PPE</b>	Personal Protective Equipment advice is contained in Section 8 of the SDS.

**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling**

<b>Safe handling</b>	Use only in well-ventilated areas Put lids on containers immediately after use. Avoid direct contact with skin and eyes When using do not eat, drink or smoke Avoid: Inhalation of vapours or spray/mists Keep away from sources of ignition - No smoking.
<b>Other information</b>	High slip hazard because of leaking or spilled product

**Conditions for safe storage, including any incompatibilities**

<b>Suitable container</b>	Original containers
<b>Storage incompatibility</b>	Keep away from food, drink and animal foodstuffs. Do not store with oxidizing agents. Protect against Frost Heat. UV-radiation/sunlight Water Humidity.
<b>Other information</b>	Keep container tightly closed in a cool well-ventilated place Protect containers against damage. Provide earthing of containers, equipment, pumps and ventilation facilities. Recommended storage temperature: 5-40 °C Product may be stored for up to 24 months under described conditions.

**PACKAGE MATERIAL INCOMPATIBILITIES**  
Not Available**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****OCCUPATIONAL EXPOSURE LIMITS (OEL)****INGREDIENT DATA**

Not Available

**Exposure controls**

<b>Appropriate engineering controls</b>	Use only in well-ventilated areas. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by mechanical means.
<b>Personal protection</b>	Take off contaminated clothing and wash before re-use. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Apply skin care products after work.
<b>Eye and face protection</b>	Wear eye protection/face protection with side shield.
<b>Hands/feet protection</b>	Tested protective gloves must be worn: DIN EN 374 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. <b>Suitable material :</b> Wearing time with permanent contact: Material: NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber), PVA (Polyvinyl alcohol), Thickness of the glove material: 0,70 mm Breakthrough time (maximum wearing time): > 480 min Wearing time with occasional contact (splashes): Material: NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber), PVA (Polyvinyl alcohol), Thickness of the glove material: 0,40 mm Breakthrough time (maximum wearing time): > 30 min <b>Breakthrough time (maximum wearing time) :</b> 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. Check leak tightness/impermeability prior to use.
<b>Respiratory protection</b>	Usually no personal respiratory protection necessary. 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**

<b>Appearance</b>	Yellow liquid		
<b>Physical state</b>	Liquid	<b>Relative density (Water = 1)</b>	0.87
<b>Odour</b>	Mineral oil	<b>Molecular weight (g/mol)</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	240
<b>pH (as supplied)</b>	Not Available	<b>Decomposition temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	200	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Flash point (°C)</b>	196	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not explosive
<b>Flammability</b>	Not applicable	<b>Oxidising properties</b>	Not oxidising
<b>Upper Explosive Limit (%)</b>	6.5	<b>Viscosity (cSt)</b>	25
<b>Lower Explosive Limit (%)</b>	0.6	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (hPa)</b>	0.001	<b>Gas group</b>	Not Available
<b>Solubility in water (g/L)</b>	Not Miscible	<b>pH as a solution</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available

**SECTION 10 STABILITY AND REACTIVITY**

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	The product is chemically stable under recommended conditions of storage, use and temperature.
<b>Possibility of hazardous reactions</b>	Reacts with oxidising agents
<b>Conditions to avoid</b>	No information available.
<b>Incompatible materials</b>	Oxidizing agents, strong. acid.
<b>Hazardous decomposition products</b>	Hazardous decomposition products are not expected to form during normal storage

**SECTION 11 TOXICOLOGICAL INFORMATION****Information on toxicological effects**

<b>Distillates (petroleum), hydrotreated heavy paraffinic</b>	Acute toxicity	Oral LD50 (rat) >500 mg/kg Dermal LD50 (rabbit) >5000 mg/kg Inhalation LC50 (rat) >5.53 ng/L
	Skin corrosion/irritation	Mild effects but not relevant for classification
	Eye damage/irritation	Mild effects but not relevant for classification
	Respiratory/skin sensitization	Not sensitising
	Germ cell mutagenicity	No known significant effects or critical hazards
	Carcinogenicity	No known significant effects or critical hazards
	Reproductive toxicity	No known significant effects or critical hazards
	STOT (single exposure)	Not expected to cause organ damage from a single exposure
	STOT (repeated exposure)	Not expected to cause organ damage from prolonged or repeated exposure
	Aspiration toxicity	Based on the available data the classification criteria for aspiration toxicity are not met.

**SECTION 12 ECOLOGICAL INFORMATION****Toxicity**

Harmful to aquatic life with long lasting effects.

Do not allow uncontrolled discharge of product into the environment

**Persistence and degradability**

Ingredient	Persistence: Water/Soil	Persistence: Air
Distillates (petroleum), hydrotreated heavy paraffinic	Part of the components is biodegradable.	No information available.

**Bio accumulative potential**

Ingredient	Bioaccumulation
Distillates (petroleum), hydrotreated heavy paraffinic	Contains components with the potential to bioaccumulate.

**Mobility in soil**

Ingredient	Mobility
Distillates (petroleum), hydrotreated heavy paraffinic	Floats on water. Adsorbs to soil and has low mobility

**SECTION 13 DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Product / packaging disposal</b>	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations.
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**SECTION 14 TRANSPORT INFORMATION****Labels Required**

<b>Marine Pollutant</b>	NO
<b>HAZCHEM</b>	Not Applicable

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

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**SECTION 15 REGULATORY INFORMATION**

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**Safety, health and environmental regulations / legislation specific for the substance or mixture****DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
Australian Inventory of Industrial Chemicals (AIIC)  
Chemical Footprint Project - Chemicals of High Concern List  
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs  
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans

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**SECTION 16 OTHER INFORMATION**

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**Revision Schedule**

<b>Revision Date</b>	Not applicable
<b>Initial Date</b>	08/12/2020

**SDS Version Summary**

<b>Version</b>	<b>Issue Date</b>	<b>Sections Updated</b>
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

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**End of SDS**