

SAFETY DATA SHEET



Cutting Tool Perfection

IBP.70

SHEFFIELD GROUP

Catalogue number: IBP.502

Version No: 1.1

Issue date: 07/12/2020

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	IBP.70
Synonyms	IBP.502
Other means of identification	Not Available

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

Relevant identified uses	Metal cutting paste
--------------------------	---------------------

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 Applicable

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

All ingredients are non-hazardous highly refined mineral oils containing less than 3% dimethylsulfoxide (DMSO).

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with eyes: Rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.
Skin Contact	Wash with plenty of water and soap. Take off contaminated clothing and wash it before reuse. Remove contaminated, saturated clothing immediately
Inhalation	Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm
Ingestion	Rinse mouth Immediately give a glass of water. Do NOT induce vomiting. Contact a Poisons Information Centre or a doctor.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. High pressure injection injuries require prompt surgical intervention and possibly steroid therapy, to minimise tissue damage and loss of function. Because entry wounds are small and do not reflect the seriousness of the underlying damage, surgical exploration to determine the extent of involvement may be necessary. Local anaesthetics or hot soaks should be avoided because they can contribute to swelling, vasospasm and ischaemia. Prompt surgical decompression, debridement and evacuation of foreign material should be performed under general anaesthetics, and wide exploration is essential.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media	Co-ordinate fire-fighting measures to the fire surroundings. Water fog. Extinguishing powder. Carbon dioxide, Foam.
----------------------------	---

Special hazards arising from the substrate or mixture

Fire incompatibility	None known
-----------------------------	------------

Advice for firefighters

Fire Fighting	In case of fire: Wear self-contained breathing apparatus
Fire/Explosion Hazard	Non-flammable. In case of fire, Carbon dioxide (CO ₂), Carbon monoxide, Nitrogen oxides (NO _x) may be liberated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	Absorb with absorbent material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Major Spills	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. 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 Avoid direct contact with skin 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	Polyethylene or polypropylene container.
Storage incompatibility	Keep away from food, drink and animal foodstuffs. Do not store with strong oxidizing agents.
Other information	Keep container tightly closed. Keep the packing dry and well-sealed to prevent contamination and absorption of humidity Recommended storage temperature: 5-40 °C Maximum period of storage (time): 3 Years

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	Not required
Personal protection	Take off contaminated clothing. Wash hands before breaks and after work.
Eye and face protection	Wear eye protection/face protection. Use glasses or face shield if there is a risk of splashing
Hands/feet protection	Gloves of appropriate material (i.e. nitrile rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm;) Wear chemical resistant safety shoes
Respiratory protection	In case of inadequate ventilation wear respiratory protection.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Appearance	Golden paste		
Physical state	Paste	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	100	Molecular weight (g/mol)	Not Available
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Available	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	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 hazardous reaction when handled and stored according to provisions.
Chemical stability	The product is chemically stable under recommended conditions of storage, use and temperature.
Possibility of hazardous reactions	Reacts with oxidising agents
Conditions to avoid	Protect against: heat.
Incompatible materials	Oxidizing agents, strong. acid.
Hazardous decomposition products	See section 5

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

Inhaled	Not applicable
Ingestion	May cause irritation to the mouth, throat and stomach.
Skin Contact	No adverse effects listed.
Eye	May cause irritation.
Chronic	Extended period of contact may cause irritation in sensitive individuals.

SECTION 12 ECOLOGICAL INFORMATION**Toxicity**

No data available.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
IBP.70	Product is not easily biodegradable.	Product is not easily biodegradable.

Bio accumulative potential

Ingredient	Bioaccumulation
IBP.70	Contains components with the potential to bioaccumulate.

Mobility in soil

Ingredient	Mobility
IBP.70	No Data available for all ingredients

SECTION 13 DISPOSAL CONSIDERATIONS**Waste treatment methods**

Product / packaging disposal	Recycle containers whenever possible. 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	07/12/2020

SDS Version Summary

Version	Issue Date	Sections Updated
1.1	07/12/2020	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

This document is copyright. Apart from any fair dealing for the purposes of private study, research, review or criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from Sheffield Group.

End of SDS