

MACC CUTTING FLUID

MATERIAL SAFETY DATA SHEET

MSDS No: Product Name: Product Code: Date:	MACC CUTTING FLUID MF-5LITRE, MF-20LITRE 1 May 2007	INDUSTRIAL TOOL & MACHINERY SALES 18 BUSINESS ST YATALA, QLD 4207 ABN: 30 010 772 068 (07) 3287 1114
---	---	--

STATEMENT OF HAZARDOUS NATURE: HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION

U/N No	N/A	Dangerous Goods Class	N/A
Hazchem Code	N/A	Poisons Schedule	N/A

PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	Green Liquid	Odour:	Characteristic
Auto ignition Temperature:	>150°C	Flash Point (°C):	N/A
Boiling Point (°C):	>100°C	Flammability Limits (%):	N/A
Vapour Pressure:	Expected to be less than 0.5 Pa at 20°C	Solubility in Water:	Miscible
Specific Gravity (20°C):	N/A	Vapour Density:	N/A
Evaporation Rate:	N/A	Percent Volatiles:	N/A

INGREDIENTS:

Chemical Entity	W%W	CAS No:	UN No:
Boric Acid, compounds with 2,2'-aminobis (ethanol) and 2-aminoethanol	20-25%	67952-33-4 & 26038-87-9	
Mixed fatty acids, compounds with diethanolamine	5-10%	68604-35-3	
2,2'-oxydiethanol	1-5%	111-46-6	
2,2'(methyl-1H-benzotriazol	0.1-0.5%	88477-37-6	

HAZARDS IDENTIFICATION

EYE PROTECTION	Wear safety glasses or full-face shield if splashes are likely to occur.
BODY PROTECTION	Minimise all forms of skin contact. Overalls and shoes with oil resistant soles should be worn. Launder overalls and undergarments regularly.
ENVIRONMENTAL EXPOSURE CONTROLS	Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.
HUMAN HEALTH HAZARDS	Irritating to eyes and skin. Prolonged or repeated exposure may give rise to dermatitis. Used oil may contain harmful impurities.
SAFETY HAZARDS	No specific hazards under normal use conditions.
ENVIRONMENTAL HAZARDS	Not classified as dangerous for the environment.

FIRST AID MEASURES

SYMPTONS & EFFECTS	Irritation of the eyes and skin. May cause an allergic skin reaction in sensitive individuals.
INHALATION	In the unlikely event of dizziness or nausea, remove casualty to fresh air. If symptoms persist, obtain medical attention.
SKIN	Remove contaminated clothing and wash affected skin with soap and water. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be sent immediately to hospital. Do not wait for symptoms to develop.
EYE	DO NOT DELAY. Flush eye with copious quantities of water. Obtain medical attention immediately.
INGESTION	Wash out mouth with water and obtain medical attention. Do not induce vomiting.

MACC CUTTING FLUID

MATERIAL SAFETY DATA SHEET

MSDS No: Product Name: Product Code: Date:	MACC CUTTING FLUID MF-5LITRE, MF-20LITRE 1 May 2007	INDUSTRIAL TOOL & MACHINERY SALES 18 BUSINESS ST YATALA, QLD 4207 ABN: 30 010 772 068 (07) 3287 1114
---	---	--

FIRST AID MEASURES

ADVICE TO DOCTOR	Treat symptomatically. Aspiration into the lungs may result in chemical pneumonitis. Dermatitis may result from prolonged or repeated exposure. High pressure injection injuries require prompt surgical intervention and possibly steroid therapy, to minimise tissue damage and loss of function.
-------------------------	---

FIRE FIGHTING MEASURES:

SPECIFIC HAZARDS	Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.
EXTINGUISHING MEDIA	Foam and dry chemical powder. Carbon dioxide, sand or earth may be used for small fires only.
UNSUITABLE EXTINGUISHING MEDIA	Water in jet. Use of halon extinguishers should be avoided for environmental reasons.
PROTECTIVE EQUIPMENT	Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

DISPOSAL

WASTE DISPOSAL	Recycle or dispose of in accordance with prevailing regulations, by a recognised collector or contractor. Do not pollute the soil, water or environment with the waste product.
-----------------------	---

TRANSPORT

TRANSPORT INFORMATION

Not dangerous for transport under ADG, IMO and IATA/ICAO regulations.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid contact with skin and eyes. Do not breathe mists, aerosols. Wear PVC, Neoprene or nitrile rubber gloves. Wear rubber length safety boots and PVC jacket and trousers. Wear safety glasses or full-face shield if splashes are likely to occur.
ENVIRONMENTAL PRECAUTIONS	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Inform local authorities if this cannot be prevented.
SPILLAGE SMALL	Absorb liquid with sand or earth. Sweep up and remove to a suitable clearly marked container for disposal in accordance with local regulations.
SPILLAGE LARGE	Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Dispose of as for small spills.

HANDLING & STORAGE

HANDLING	Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Avoid contact with skin, eyes and respiratory system. When handling products in drums, safety footwear should be worn and proper handling equipment should be used. Prevent spillages. Cloth, paper and other materials that are used to absorb spills present a fire hazard. Avoid their accumulation by disposing of them safely and immediately. In addition to any specific recommendations given for controls of risks to health, safety and the environment, an assessment of risks must be made to help determine controls appropriate to local circumstances.
STORAGE	Keep in a cool, dry well ventilated place. Use properly labelled and closeable containers. Avoid direct sunlight, heat sources and strong oxidising agents.