



SAFETY DATA SHEET

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MICROTECH PRESSURE INJECTION FLUID

Revision 0
Revision date 24-Feb-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name MICROTECH PRESSURE INJECTION FLUID
Company Wykamol Group Limited
Unit 3, Boran Court
Network 65 Business Park
Hapton, Burnley
Lancashire. BB11 5TH
sales@wykamol.com www.wykamol.com
Telephone 0845 400 6666
Emergency telephone number 0845 400 6666

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Acetic acid ...%	1 - 10%	64-19-7	200-580-7	R10 C; R35
Methanol	0.5 - 1%	67-56-1	200-659-6	F; R11 T; R23/24/25-39/23/24/25
Tetraethyl silicate	1 - 10%	78-10-4	201-083-8	R10 Xn; R20 Xi; R36/37
Trimethyl (2,4,4 - trimethyl pentyl) silane	20 - 30%	34396-03-7	251-995-5	R10 R52/53
Polydimethylsiloxane, (((3-((2- aminoethyl) amino) propyl) silyldiyne) tris (oxy)) tris-, methoxy-terminated	10 - 20%	67923-07-3		R10 Xi;R38 Xi;R41

3. HAZARDS IDENTIFICATION

Main hazards Flammable Irritating to skin. Risk of serious damage to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Skin contact Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Ingestion Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon oxides.
Fire hazards Burning produces irritating, toxic and obnoxious fumes.
Protective equipment Wear suitable respiratory equipment when necessary.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store below 30°C in a dry well ventilated area free from sources of ignition (Flash point 25°C) and out of direct sunlight. Mix in a plastic drum. After dilution, use within 5 days.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 250	WEL 8-hr limit mg/m3: 266 WEL 15 min limit mg/m3: 333
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Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear: Suitable respiratory equipment.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Clear.
Odour	Mild.
pH	ca. 6 when diluted
Flash point	25°C
Flammability limits	Flammable
Relative density	0.96 - 1.00
Water solubility	miscible in water.
Autoignition temperature	310°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Moisture. Sources of ignition. Extremes of temperature.

11. TOXICOLOGICAL INFORMATION

Toxicological information	There is no data available.
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12. ECOLOGICAL INFORMATION

Ecotoxicity	There is no data available. May cause long-term adverse effects in the aquatic environment.
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13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
Disposal methods	Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
Disposal of packaging	Do NOT reuse empty containers.

14. TRANSPORT INFORMATION

ADR/RID

Hazard ID 33	Proper Shipping Name FLAMMABLE LIQUID, N.O.S. ,
UN 1993	Packing group III
Class 3	

IMDG

UN 1993	Packing group III
Class 3	Marine pollutant .
EmS Code F-E S-E	

IATA

UN 1993	Packing group III
Class 3	Subsidiary risk -
Packing Instruction 310 (Cargo)	Maximum quantity 220 L
Packing Instruction 309 (Passenger)	Maximum quantity 60 L

Further information The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols Xi - Irritant



Risk phrases

- R10 - Flammable.
- R38 - Irritating to skin.
- R41 - Risk of serious damage to eyes.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases

- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S39 - Wear eye/face protection.

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16. OTHER INFORMATION

Text of risk phrases in Section 2

R10 - Flammable.
R11 - Highly flammable.
R20 - Harmful by inhalation.
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.
R35 - Causes severe burns.
R36/37 - Irritating to eyes and respiratory system.
R38 - Irritating to skin.
R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R41 - Risk of serious damage to eyes.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.