

# PALACE CHEMICALS LTD

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SUBSTANCE IDENTIFICATION:			
<h2>MICROFINE DPC FLUID CONC'T</h2> <p>MICRO-EMULSION BASED DAMP-PROOF INJECTION FLUID CONCENTRATE</p>			
<b>COMPOSITION:</b> A concentrated solution of: Poly dimethyl siloxane (< 33% w/w) Tetraethylsilicate (< 20%) Methanol (< 0.3% w/w)		<b>HAZARDS CLASSIFICATION:</b> <b>FLAMMABLE; IRRITANT - Xi</b> <b>Risk of serious damage to eyes</b> Irritating to skin & eyes Avoid contact with skin and eyes Wear suitable protective clothing Do not breathe spray; Wear gloves, boots, overalls and eye/face protection.	
<b>FIRST AID MEASURES:</b>			
<b>INHALATION:</b> Do not work in a spray mist. If inhaled, clear out mouth with clean water and seek medical attention. If irritation or breathing difficulties persist, seek medical attention.	<b>SKIN CONTACT:</b> Wash off skin with warm soapy water and rinse affected areas. Take off contaminated clothing immediately prolonged and unattended contact should be avoided	<b>INGESTION:</b> Clean out mouth with copious volumes of water. Do not induce vomiting. Seek prompt medical attention and show this data sheet.	<b>EYE CONTACT:</b> Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek immediate medical attention.
<b>FIRE FIGHTING MEASURES:</b> Recommended extinguishers – Dry powder; Foam, CO2 – Do not use water jets. Hazardous decomposition when subject to combustion – will produce noxious, irritating fumes. Special procedures – Use approved self-contained breathing apparatus. <b>Product is non-flammable when diluted for use.</b>			
<b>ACCIDENTAL RELEASE MEASURES:</b> Absorb spillages on sand, sawdust or absorbent granules and confine residues in a clearly marked sealed container for specialist corrosive waste disposal. Large spillages should be banded and diluted with water when possible. Provide plenty of ventilation if spillage occurs within a confined room or area.			
<b>HANDLING &amp; STORAGE:</b> Store in sealed, clearly marked containers. Keep out of reach of children in a cool well-ventilated environment – Protect from frost, heat and direct sunlight. Keep in sealed plastic containers to prolong product life. Wear boots, overalls, rubber / PVC gloves and BS 2092 sealed safety goggles.			
<b>EXPOSURE CONTROL / PERSONAL PROTECTIVE EQUIPMENT:</b> OEL: Tetraethyl silicate - 85 mg/M3; Methanol (< 1% ) - 260 mg/M3 8 hr LTEL's			
<b>Respiratory:</b> Good ventilation is required otherwise use an organic vapour filtered face mask in confined spaces.	<b>Hand:</b> Wear 17" long elbow length latex rubber (chlorinated) or nitrile gloves approved to EN 374 & EN 420 with a BTT rating of > 4 hrs.	<b>Eye:</b> BS 2092 Goggles should be worn for all applications to help prevent accidental face/eye contact	<b>Skin:</b> A disposable PVC apron should be worn on top of overalls, however if the fabric becomes contaminated these should be laundered immediately.

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# SAFETY DATA SHEET No. 16B

## PRODUCT: MICROFINE DPC FLUID CONCENTRATE (1:19)

<b>PHYSICO-CHEMICAL PROPERTIES:</b> Appearance – Pale yellow liquid Miscibility – Water only Ph : 5 - 6 Density – 0.96 g/cm <sup>3</sup> NB. Dilution is NON-FLAMMABLE		Flash Point - 25°C – AS CONCENTRATE ONLY Auto ignition temperature – 310°C Odour – distinctive ALCOHOLIC odour. Viscosity - < 50cps. Boiling point – N/A	
<b>STABILITY &amp; REACTIVITY:</b> Storage in frost affected conditions or at elevated temperatures will affect the performance stability of the product, and lead to separation of the emulsion. Avoid Contact with strong alkalis (ammonia, amines); Sulphuric Acid, Oxidising agents and chlorine based bleach.			
<b>TOXICOLOGICAL INFORMATION:</b> Acute toxicity – Oral LD50 (rabbit): 2000mg / Kg Inhalation LD50 – not determined Health effects – Concentrate will IRRITATE soft tissue and mucous membranes.			
Acute toxicity: ingestion Irritation: Eye contact	Sensitisation: n/a Mutagenicity: n/a	Carcinogenicity: n/a Reproductive toxicity: n/a	
<b>ECOLOGICAL INFORMATION:</b> Hazardous for watercourses. Do not allow product to directly reach ground water or sewage system even in small quantities (< 5 litres) – Fatal to fish and most aquatic life.			
<b>DISPOSAL CONSIDERATIONS:</b> Dispose according to Local Authority regulations for – specialist waste.			
<b>TRANSPORT INFORMATION:</b> Class: 3 corrosive substance; UN number 1993 Hazchem: 2R / 3 / Y IMDG Page: 3345; Packing Group III – Hazard Number – 3. Item 31© ADR marginal: 2801 5' (b); Proper Shipping Name – Flammable liquid n.o.s Technical name - ALKYL ALKOXY SILOXANE solution.			
<b>REGULATORY INFORMATION:</b> Hazard code symbol Xi R10; R36/37. Safety phrases S1/2; S26; S45 Hazard designation – <b>FLAMMABLE; IRRITANT – Risk of serious damage to eyes</b> Keep locked up and out of reach of children. In case of contact with eyes, rinse immediately and seek prompt medical advice (Show label where possible). <b>RISK PHRASES APPLY TO CONCENTRATE ONLY</b>			
<b>FURTHER INFORMATION:</b> The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work.			