



SAFETY DATA SHEET

WYKABOR DB

Revision 0
Revision date 24-Feb-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name WYKABOR DB
Company Wykamol Group Limited
Unit 3, Boran Court
Network 65 Business Park
Hapton, Burnley
Lancashire. BB11 5TH
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Telephone 0845 400 6666
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients	Conc.	CAS	EINECS	Symbols/Risk phrases
Mono ethylene glycol (Ethane-1,2-diol vapour)	10 - 20%	107-21-1	203-473-3	Xn; R22
Isopropanol (Propan-2-ol)	1 - 10%	67-63-0	200-661-7	F; R11 Xi; R36 R67
Mono Propylene Glycol (Propane-1,2-diol particulates)	40 - 50%	57-55-6	200-338-0	

3. HAZARDS IDENTIFICATION

Main hazards No Significant Hazard

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation May cause irritation to mucous membranes. Move the exposed person to fresh air.
Ingestion May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions.
Fire hazards Burning produces irritating, toxic and obnoxious fumes.
Protective equipment Wear suitable respiratory equipment when necessary.

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Personal precautions	Ensure adequate ventilation of the working area.
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	Store in frost free conditions (Viscosity may increase below 10°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

Mono ethylene glycol (Ethane-1,2-diol vapour)	WEL 8-hr limit ppm: 20 WEL 15 min limit ppm: 40	WEL 8-hr limit mg/m3: 52 WEL 15 min limit mg/m3: 104
Mono ethylene glycol (Ethane-1,2-diol particulate)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250
Mono Propylene Glycol (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
Mono Propylene Glycol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 474 WEL 15 min limit mg/m3: -

Engineering measures	Ensure adequate ventilation of the working area.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	In case of splashing, wear: Approved safety goggles.
Protective equipment	Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Clear.
Flash point	> 100°C
Flammability limits	Non flammable
Relative density	1.23 - 1.30
Water solubility	miscible in water.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
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11. TOXICOLOGICAL INFORMATION**Toxicological information**

Mono ethylene glycol	Oral Rat LD50 = 5840 mg/kg Dermal Rabbit LD50 = 9530 mg/kg
Isopropanol	Oral Rat LD50 = >2000 mg/kg Dermal Rabbit LD50 = >2000 mg/kg Inhalation Rat LC50/15min = > 20 mg/l
Mono Propylene Glycol	Dermal Rat LD50 = 22,500 mg/kg Oral Rat LD50 = 20,000 mg/kg Dermal Rabbit LD50 = 20,800 mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Mono ethylene glycol	Daphnia EC50/48h = > 10000 mg/l Algae IC50/72h = 180000 mg/l Fish LC50/96h = 53000 mg/l
Isopropanol	Daphnia EC50/48h = 4600 mg/l Fish LC50/96h = 9600 mg/l
Mono Propylene Glycol	Daphnia EC50/48h = 34,400 mg/l Algae IC50/72h = 92,000 mg/l Fish LC50/96h = 51,600 mg/l

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
Disposal methods	Contact a licensed waste disposal company.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
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15. REGULATORY INFORMATION**Risk phrases**

Further information	Use only in accordance with Statutory Precautions given under the Control of Pesticides Regulations 1986. HSE No. 7569.
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16. OTHER INFORMATION

Text of risk phrases in Section 2

R11 - Highly flammable.
R22 - Harmful if swallowed.
R36 - Irritating to eyes.
R67 - Vapours may cause drowsiness and dizziness.

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.