

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

WYKABOR 20 GEL

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product name	WYKABOR 20 GEL
1.3. Details of the supplier of the safety data sheet	
Company	Wykamol Group Limited
Address	Unit 3, Boran Court Network 65 Business Park Hapton, Burnley Lancashire. BB11 5TH
Telephone	0845 400 6666
Email	sales@wykamol.com www.wykamol.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.1. Classification - 1999/45/EC	T; R60-61 Xi; R36 Symbols: T: Toxic.
Main hazards	Irritating to eyes. May impair fertility. May cause harm to the unborn child.

SECTION 3: Composition/information on ingredients

3.2. Mixtures						
67/548/EEC / 1999/45/EC						
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Mono Propylene Glycol (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0		60 - 70%	
Disodium Octaborate Tetrahydrate		12280-03-4	234-541-0		10 - 20%	T; R60-61 Xi; R36
Glycerine (Glycerol, mist)		56-81-5	200-289-5		1 - 10%	
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	612-140-00-5	63449-41-2	264-151-6		1 - 10%	Xn; R21/22 C; R34 N; R50

SECTION 4: First aid measures

4.1. Description of first aid measures	
Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
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.
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.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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SECTION 5: Firefighting measures**5.1. Extinguishing media**

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Store in original packaging unopened or sealed in a dry safe place. Keep out of reach of children. Viscosity may be reduced at elevated temperatures.
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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

Glycerine (Glycerol, mist)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Mono Propylene Glycol (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Mono Propylene Glycol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150	WEL 8-hr limit mg/m3: 474
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures

	Wear protective clothing.
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Eye / face protection

	In case of splashing, wear: Approved safety goggles.
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Skin protection - Handprotection

	Chemical resistant gloves (PVC).
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

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9.1. Information on basic physical and chemical properties

State	Gel
Colour	Clear
Flash point	> 100
Flammability limits	Non flammable
Relative density	1.15 - 1.21

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

Disodium Octaborate Tetrahydrate	Inhalation Rat LC50/15min: > 2 mg/l	Oral Rat LD50: > 2550 mg/kg
	Dermal Rabbit LD50: >2000 mg/kg	
Mono Propylene Glycol	Dermal Rat LD50: 22500 mg/kg	Oral Rat LD50: 20000 mg/kg
	Dermal Rabbit LD50: 20800 mg/kg	
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	Dermal Rat LD50: 1560 mg/kg	Oral Rat LD50: 795 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Disodium Octaborate Tetrahydrate	Daphnia EC50/48h: 242 mg/l	Fish LC50/96h: 74 mg/l
	Green algae EC50/96h: 24 mg/l	Fish LC50/96h: 65 mg/l
	Rainbow trout LC50/96h: 37 mg/l	
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	Daphnia EC50/48h: 0.03 mg/l	Algae IC50/72h: 0.06 mg/l
	Fish LC50/96h: 1.7 mg/l	

SECTION 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. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information


Labelling

Symbols T: Toxic.

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Labelling	
Symbols	
Risk phrases	R36 - Irritating to eyes. R60 - May impair fertility. R61 - May cause harm to the unborn child.
Safety phrases	S53 - Avoid exposure - obtain special instructions before use.
Further information	
	Use only in accordance with Statutory Precautions given under the Control of Pesticides Regulations 1986. HSE No. 7517.
SECTION 16: Other information	
Other information	
Revision	This document differs from the previous version in the following areas: 2 - 2.1. Classification of the substance or mixture. 9 - 9.1. Information on basic physical and chemical properties (Odour). 11 - 11.1.4. Toxicological Information. 15 - Risk phrases.
Text of risk phrases in Section 3	R21/22 - Harmful in contact with skin and if swallowed. R34 - Causes burns. R36 - Irritating to eyes. R50 - Very toxic to aquatic organisms. R60 - May impair fertility. R61 - May cause harm to the unborn child.
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.