



# SAFETY DATA SHEET

## WYKAMOL PLUS

Revision 1  
Revision date 26-Feb-2009

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** WYKAMOL PLUS  
**Company** Wykamol Group Limited  
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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
2-(2-Butoxyethoxy)ethanol	1-10%	112-34-5	203-961-6	Xi; R36
(2-(2-Butoxyethoxy) ethanol)				
Permethrin (ISO)	0-0.5%	52645-53-1	258-067-9	Xn; R20/22 R43 N; R50/53
3-iodo-2-propynyl butylcarbamate	0-0.5%	55406-53-6	259-627-5	Xn; R20/22 Xi; R41 N; R50
Naphtha (petroleum), hydrotreated heavy	90-100%	64742-48-9	265-150-3	Xn; R65 R10-66

### 3. HAZARDS IDENTIFICATION

**Main hazards** Flammable Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

### 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. May cause dermatitis. 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** Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use as appropriate: carbon dioxide (CO <sub>2</sub> ), dry chemical, foam.
<b>Fire hazards</b>	Burning produces irritating, toxic and obnoxious fumes.
<b>Protective equipment</b>	Self-contained breathing apparatus. Wear protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Store securely in dry, frost free conditions away from extremes of temperatures, sources of heat / ignition and foodstuffs.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

2-(2-Butoxyethoxy)ethanol  
(2-(2-Butoxyethoxy) ethanol)

WEL 8-hr limit ppm: 10  
WEL 15 min limit ppm: 15

WEL 8-hr limit mg/m<sup>3</sup>: 67.5  
WEL 15 min limit mg/m<sup>3</sup>: 101.2

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Self-contained breathing apparatus. Wear protective clothing.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Clear.
<b>Odour</b>	Characteristic.
<b>Boiling point</b>	150- 200°C
<b>Flash point</b>	Ca. 40°C
<b>Flammability limits</b>	Flammable
<b>Relative density</b>	0.77 - 0.795
<b>Water solubility</b>	insoluble in water.
<b>Autoignition temperature</b>	Ca. 230 °C

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
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## 11. TOXICOLOGICAL INFORMATION

### Toxicological information

2-(2-Butoxyethoxy)ethanol	Oral Rat LD50 = > 2000 mg/kg Dermal Rabbit LD50 = > 2000 mg/kg
Permethrin (ISO)	Oral Mouse LD50 = 424 mg/kg Dermal Rat LD50 = 1750 mg/kg Oral Rat LD50 = 383 mg/kg
3-iodo-2-propynyl butylcarbamate	Oral Rat LD50 = 1470 mg/l Dermal Rabbit LD50 = >2000 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

2-(2-Butoxyethoxy)ethanol	Daphnia EC50/48h = > 100 mg/l Algae IC50/72h = > 100 mg/l Fish LC50/96h = > 100 mg/l
Permethrin (ISO)	Daphnia EC50/48h = 0.6 mg/l Rainbow trout LC50/96h = 2.5 ug/l Bluegill sunfish LC50/96h = 1.8 ug/l
3-iodo-2-propynyl butylcarbamate	Algae EC50/72h = 0.022 mg/l Daphnia EC50/48h = 0.16 mg/l

## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

### ADR/RID

UN 1306	Packing group III
Class 3	Hazard ID 33
Proper Shipping Name LIQUID .	WOOD PRESERVATIVES,

### IMDG

UN 1306	Packing group III
Class 3	Marine pollutant .
EmS Code F-E S-D	

### IATA

UN 1306	Packing group III
Class 3	Subsidiary risk -
Packing Instruction 310 (Cargo)	Maximum quantity 220 L
Packing Instruction 309 (Passenger)	Maximum quantity 60 L

## 15. REGULATORY INFORMATION

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

**Symbols** Xn - Harmful; N - Dangerous for the environment



**Risk phrases**

- R10 - Flammable.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 - Harmful: may cause lung damage if swallowed.
- R66 - Repeated exposure may cause skin dryness or cracking.

**Safety phrases**

- S29 - Do not empty into drains.
- S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 2</b>	R10 - Flammable. R20/22 - Harmful by inhalation and if swallowed. R36 - Irritating to eyes. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R50 - Very toxic to aquatic organisms. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking.
<b>Further information</b>	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.
<b>Revision</b>	This document differs from the previous version in the following areas: 13 - disposal methods. 13 - disposal of packaging. 7 - storage.