



SAFETY DATA SHEET

BRUNOPEL IWP

Revision 0
Revision date 24-Feb-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name BRUNOPEL IWP
Company Wykamol Group Limited
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Network 65 Business Park
Hapton, Burnley
Lancashire. BB11 5TH
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Telephone 0845 400 6666
Emergency telephone number 0845 400 6666

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous ingredients | Conc. | CAS | EINECS | Symbols/Risk phrases |
|-----------------------|---------|-----------|-----------|----------------------|
| Potassium hydroxide | 1 - 10% | 1310-58-3 | 215-181-3 | Xn; R22 C; R35 |
| Sodium Silicate | 1 - 10% | 1344-09-8 | 215-687-4 | Xi; R36/38 |

3. HAZARDS IDENTIFICATION

Main hazards Causes burns.

4. FIRST AID MEASURES

Skin contact Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.
Inhalation Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Ingestion Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO2), dry chemical, foam.
Fire hazards Corrosive. Burning produces irritating, toxic and obnoxious fumes.
Protective equipment Wear suitable respiratory equipment when necessary.

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6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions | Ensure adequate ventilation of the working area. Evacuate personnel to a safe 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. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |

7. HANDLING AND STORAGE

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| Handling | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. |
| Storage | Store in a dry place and protect from frost, high temperatures and direct sunlight. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

| | | |
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| Potassium hydroxide | WEL 8-hr limit ppm: - WEL 15 min limit ppm: - | WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2 |
|---------------------|--|--|

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

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Description | Gel. |
| Colour | Red. |
| Odour | Mild. |
| pH | 10.5 - 11.5 |
| Relative density | 1.02 - 1.05 |
| Water solubility | miscible in water. |

10. STABILITY AND REACTIVITY

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| Stability | Stable under normal conditions. |
| Conditions to avoid | Extremes of temperature. |

11. TOXICOLOGICAL INFORMATION

Toxicological information

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| Potassium hydroxide | Oral Rat LD50 = 273 mg/kg |
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| Corrosivity | Causes burns. |
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12. ECOLOGICAL INFORMATION

Ecotoxicity

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| Potassium hydroxide | Fish LC50/24h = 44 mg/l |
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13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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| Further information | The product is not classified as dangerous for carriage. |
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15. REGULATORY INFORMATION

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

Symbols C - Corrosive



Risk phrases R34 - Causes burns.

Safety phrases S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 - After contact with skin, wash immediately with plenty of [].
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Text of risk phrases in Section 2 R22 - Harmful if swallowed.
R35 - Causes severe burns.
R36/38 - Irritating to eyes and skin.

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.