



8 Exposure controls and personal protection

Workplace exposure limits: Oil mist mineral, odourless kerosene. UK.EH402002. Maximum Exposure Limit: 5mg/m<sub>3</sub> (8 hour), 10mg/m<sub>3</sub> (15 mins). Distillates (petroleum) hydrotreated light\_ odourless kerosene:- TWA LTEZ 1200mg/m<sup>3</sup> (165ppm) (EH40/2002). Health and Safety Executive have advised chemical industry that Occupation Exposure Limits (in EH40/2002) can continue to be used where no relevant entry in "EH40/2005 Workplace Exposure Limits" is evident.

| Personal Protection: | PPE Item             | In Use  | Spillage  |
|----------------------|----------------------|---|---|
|                      | Respirator           | Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum).                          | Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum).                          |
|                      | Gloves               | Unlined synthetic rubber/PVC (300mm) (EN374:2003 J**) eg. Solvex nitrile.                         | Unlined synthetic rubber/PVC (300mm) (EN374:2003 J**) eg. Solvex nitrile.                         |
|                      | Overall              | Low levels of contamination- Coverall type 5/6.<br>High levels of contamination- Coverall type 4. | Low levels of contamination- Coverall type 5/6.<br>High levels of contamination- Coverall type 4. |
|                      | Goggles/ Face shield | Goggles to EN166 34   | Face shield to EN166 3  |

Environmental Exposure Controls:

Product should be used in accordance with the instructions on the label. Any spillage should be dealt with promptly, and in accordance with advice on this SDS, in order to avoid contamination of watercourses or ground.

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| 9 Physical and chemical properties | Appearance:      | Straw coloured liquid.   |
|                                    | pH:              | Not applicable.  |
|                                    | Flash point:     | 67°C.  |
|                                    | Flammability:    | Flammable, will burn at room temperatures to evolve toxic combustion products. |
|                                    | Bulk density:    | 0.840  |
|                                    | Solubility:      | Insoluble in water. Product will float on water.                               |
|                                    | Odour:           | Slight kerosene odour.   |
|                                    | Incompatibility: | Incompatible with strong oxidising agents, strong acids and strong bases.      |

10 Stability and reactivity **Product is stable and not a reactive substance. Toxic/hazardous fumes evolved in a fire.**

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| 11 Toxicological information | Routes of entry/symptoms of contact: |  |
|                              | Inhalation:                          | In normal circumstances, the low volatility of this product does not give rise to harmful concentrations. Precautions should be taken to prevent exposure to product spray/mist. |
|                              | Skin and eyes:                       | Odourless kerosene is a moderate skin irritant. Prolonged or repeated contact can give rise to severe irritation or cause dermatitis. Irritating to eyes.                        |
|                              | Ingestion:                           | The main hazard of swallowing the product arises from any consequent aspiration into the lungs which may cause chemical pneumonitis.   |

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| 12 Ecological information | <ul style="list-style-type: none"> <li>Preparation is classified as (N) Dangerous for the environment. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</li> <li>The active ingredients &amp; piperonyl butoxide giving rise to this classification are rapidly degraded in air, water and on contact with soils and organic matter. Odourless kerosene is highly volatile and will rapidly evaporate and degrade in air. The product is essentially insoluble in water (it will float on the top of water). It is readily and rapidly biodegradable. No acute toxicity to aquatic organisms is expected at the maximum water solubility (&lt;0.10%w/w) of odourless kerosene. Long-term adverse effects to aquatic organisms are not expected. The aromatic solvent is also highly volatile and will rapidly evaporate to the air if released. It does not biodegrade rapidly but will degrade in air and is expected to be removed in a wastewater treatment facility. Long-term adverse effects to aquatic organisms are possible if continuous exposure is maintained.</li> <li>Adverse environmental effects arising as a consequence of use of ULV 500 (in situations for which it is approved and as indicated on the label) have not occurred and none are expected.</li> </ul> |
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| 13 Disposal considerations | Empty containers:  | Do not re-use – empty completely. Dispose of as controlled waste. Ensure containers are empty. Treat as non-hazardous waste. Use EWC (European Waste Catalogue) code 15 01 02 on duty of care transfer notes. If containers are not emptied, treat packaging as hazardous waste, use EWC code 15 01 10*. |
|                            | Unused/recovered materials:  | Do not dispose in domestic waste. Dispose of as controlled waste. Treat as hazardous waste. Use EWC code 16 03 05*.  |
|                            | Contaminated PPE/ wipes/ contaminated boxes/ spill control material: | Treat as controlled waste. For low levels of contamination, treat as non-hazardous waste. Use EWC code 15 02 03. For heavily contaminated items treat as hazardous waste and use EWC code 15 02 02*. Contact supplier for advice on disposal matters.  |

# Brimpex Metal Treatments Safety Data Sheet - Brimpex ULV 1500

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| 14 | Transport information  | UN No 3082. Class 9. Packing Group III.<br>Marine Pollutant.<br>Environmentally hazardous substance.   |
| 15 | Regulatory information | <ul style="list-style-type: none"><li>This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3. These implement the Dangerous Preparations Directive- 99/45/EC. This Safety Data Sheet complies with CHIP 3 requirements and the Safety Data Sheets Directive 91/155/EEC (as amended by Directives 93/112/EC and 2001/58/EC).</li><li>Restricted to professional users.<br/>To avoid risks to man and the environment, comply with the instructions for use.</li><li>Symbols : Xn – Harmful<br/>N - Dangerous for the environment.</li><li>R-phrases : R65. R51. R53</li><li>S-phrases : S23, S24, S57, S61, S62.</li></ul> <p>This product is approved under The Control of Pesticides Regulations 1986. HSE no. 4942.</p>  |
| 16 | Other information      | <p>Text of R-phrases (Ingredients – Section 2) and S-phrases.</p> <p>R50- Very toxic to aquatic organisms.<br/>R51- Toxic to aquatic organisms.<br/>R53- May cause long-term adverse effects in the aquatic environment.<br/>R65- Harmful: may cause lung damage if swallowed.<br/>R66- Repeated exposure may cause skin dryness or cracking.<br/>R67- Vapours may cause drowsiness or dizziness.<br/>S23- Do not breathe spray.<br/>S24- Avoid contact with skin.<br/>S57- Use appropriate containment to avoid environmental contamination.<br/>S61- Avoid release to the environment. Refer to special instructions/ safety data sheet.<br/>S62- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.<br/>Use only in accordance with label instructions.<br/>Observe statutory conditions of use on the label.<br/>Use biocides safely. Always read the label &amp; product information before use.<br/>The information on this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.<br/>This data sheet does not constitute a COSHH assessment.<br/>The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.<br/>The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.<br/>Re-issued July 2009 to incorporate the REACH requirement changes to safety data sheets.</p> |