



## 7. HANDLING AND STORAGE

HANDLING PRECAUTIONS Observe normal industrial hygiene methods.

STORAGE INFORMATION Store in a cool, dry place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable gloves, (neoprene/PVC or synthetic rubber). Eye/face protection to BS2092 for chemical resistance and coveralls. If spraying wear suitable respiratory protection, either an air-fed mask or cartridge type respirator fitted with P2 or P3 cartridge.

Engineering controls of operator exposure may replace PPE if it provides equal or a higher degree of protection (ie. Local exhaust ventilation, non-atomising spray etc.).

Wash hands and skin before and after work. Do not apply to surfaces where food is prepared, stored or eaten. Remove or cover all foodstuffs before application. Do not apply to hot surfaces or unprotected electrical equipment or naked flames. Keep unprotected persons and animals away from treated surfaces for 48 hours or until surfaces are dry or covered. Avoid excessive contamination of coveralls and launder regularly.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                          |                     |                       |                       |
|--------------------------|---------------------|-----------------------|-----------------------|
| Appearance               | Cloudy, pale gel    | Oxidising properties  | None                  |
| Odour                    | None                | Vapour pressure       | 30Pa (25°C)           |
| pH                       | 9 (1% in water)     | Relative density      | 1200kg/m <sup>3</sup> |
| Boiling point            | >190°C              | Bulk density          | Not Relevant          |
| Melting point            | Not Relevant        | Viscosity             | No Data               |
| Flash point              | >100°C              | Solubility            | Soluble in water      |
| Autoignition temperature | >370°C              | Partition coefficient | No data               |
| Explosive properties     | LEL s.6%, UEL 12.5% | Other data            |                       |

## 10. STABILITY/REACTIVITY

STABILITY Stable

CONDITIONS TO AVOID Protect from moisture (product is hygroscopic)

MATERIALS TO AVOID Strong oxidising agents

## 11. TOXICOLOGICAL INFORMATION

Low acute oral toxicity LD<sub>50</sub> (by calculation) >5000mg/kg

**12.ECOLOGICAL INFORMATION**

|               |  |
|---------------|--|
| MOBILITY      | Mobile in the soil.  |
| DEGRADABILITY | Not biodegradable  |
| ACCUMULATION  | There is a likelihood of bioaccumulation or biomagnification.                        |
| ECTOTOXICITY  | Boron is an essential micronutrient for plant life, but phytotoxic in large amounts. |

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**13.DISPOSAL CONSIDERATIONS**

|                        |   |
|------------------------|---|
| DISPOSAL OF PRODUCT:   | Dispose of by landfill in a commercial site, in accordance with local and national regulations. |
| DISPOSAL OF PACKAGING: | As for product.   |

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**14. TRANSPORT INFORMATION**

Not regulated for transport by road, rail, sea or air.

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**15.REGULATORY INFORMATION**

CLASSIFICATION Harmful if swallowed.

This product is approved under the control of pesticides regulations 1986 for use by Professional Operators as directed. HSE No. 7549.

The information contained in this safety data sheet does not constitute the user’s own assessment of workplace risk as required by health and safety legislation.

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**16.OTHER INFORMATION**

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

*Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.*