

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION **BW150**

Chemical identity: Aqueous solution of water, tannins, sulphonate

Recommended use: Oxygen Scavenger Boiler Water Treatment

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Water, tannins, sulphonate

3. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

4. FIRST AID MEASURES

Inhalation: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion: Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

Skin Contact: Remove affected person from source of contamination. Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

Eye Contact: Remove victim immediately from source of exposure. Immediately rinse with water for several minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire-fighting extinguishing media appropriate for surrounding materials.

Unusual Fire & Explosion Hazards: Oxides of sulphur, Oxides of carbon (under fire conditions)

Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE METHODS

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| Personal Precautions: | Wear protective clothing as described in Section 8 of this safety data sheet. |
| Environmental Precautions: | Do not allow to enter water course or drains. |
| Spill Clean up Methods: | Small spills: soak up with inert absorbent material. Sweep up and shovel. Reclaim into recovery or salvage drums. Large spills: Dam up. Reclaim into recovery or salvage drums. Flush with plenty of water to clean spillage area. |

7. HANDLING AND STORAGE:

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| Usage Precautions: | Avoid spilling, skin and eye contact. Use with adequate ventilation. Avoid eating, drinking and smoking when using the product. |
| Storage Precautions: | Protect from freezing. Keep upright. Store in tightly closed original container in a dry and cool place. Storage for more than two years is not recommended. |
| Storage Class; | Chemical storage |

8. EXPOSURE CONTROLS

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| OES = Occupational Exposure Standard: | None |
| Engineering Measures: | General ventilation is recommended |
| Protective Equipment: | Wear approved safety goggles or face shield and protective gloves. |
| Process Conditions: | Use engineering controls to reduce air contamination to permissible exposure level. |
| Respiratory Equipment: | If ventilation is insufficient, suitable respiratory protection must be provided. Wear organic vapour respirator. |
| Hand Protection: | Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. |
| Eye Protection: | Wear approved safety goggles. |
| Other Protection: | Wear suitable protective clothing as protection against splashing or contamination. |
| Hygiene Measures: | Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Liquid |
| Colour : | Brown |
| Odour : | Faint |
| Solubility: | Miscible with water |
| Relative Density: | 1.05 – 1.15 (20°C) |
| pH Value, Conc solution: | 4.5 – 6.0 |
| Freezing point: | 0°C |

10. STABILITY AND REACTIVITY

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| Stability: | Stable under normal temperature conditions and recommended use |
| Conditions to Avoid: | Extremes of temperature. |
| Materials to Avoid: | Strong oxidising agents. |
| Hazardous Decomposition Products: | Oxides of sulphur, oxides of carbon (under fire conditions). |

11. TOXICOLOGICAL INFORMATION

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| Inhalation: | May cause irritation to the respiratory system. |
| Ingestion: | May cause discomfort if swallowed. |
| Skin Contact: | Liquid may irritate skin. |
| Eye Contact: | Spray and vapour in the eyes may cause irritation and smarting. |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity: | This product is not expected to be hazardous to the environment. |
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13. DISPOSAL CONSIDERATIONS

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| Disposal Methods: | Dispose of waste and residues in accordance with local authority requirements. |
| Container: | Triple rinse empty container thoroughly with water before disposal. |

14. TRANSPORT INFORMATION LAND TRANSPORT

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

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| Risk Phrases: | NC. Not classified |
| Safety Phrases: | NC Not classified |
| UK Regulatory References: | Chemicals (Hazard Information & Packaging) Regulations |
| Approved Code of Practice: | Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. |

16. OTHER INFORMATION

Revision Date: 11-2006

DISCLAIMER

This data sheet does not constitute a User's Assessment of Workplace Risk as required by HSW Act, COSHH, Management of Health and Safety at Work Regulations, or other Health and Safety Legislation. 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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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Date of Issue: 1.11.06 Issue No. 3