

Material Safety Data Sheet



Section 1 - Product Information

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|--|-------------------------------------|---|----------------------|
| Product Identifier: BIOMAX DRY | | WHMIS Classification (optional): | |
| Product Use: Sanitizing Detergent | | | |
| Manufacturer's Name: Prairie West Industrial Ltd | | Supplier's Name: West Heat Industries Limited | |
| Street Address: 35 Boys Rd | | Street Address: 1680 Church Ave | |
| City: Winnipeg | Province: Manitoba | City: Winnipeg | Province: Manitoba |
| Postal Code: R2C 2Z2 | Emergency Telephone: 1-613-996-6666 | Postal Code: R2X 2W9 | Emergency Telephone: |

Section 2 - Hazardous Ingredients

| Hazardous Ingredients (specific) | % | CAS Number | LD ₅₀ of Ingredient (specify species and route) | LD ₅₀ of Ingredient (specify species) |
|----------------------------------|----------|-------------|---|---|
| Sodium Hypochlorite Phosphate | 60 - 100 | 011084-85-8 | 3000 mg/kg | Rabbit |
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Section 3 - Physical Data

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| Physical State: Solid | Odour and Appearance: White, free-flowing powder. Chlorine odour | | Odour Threshold (ppm): Not available |
| Specific Gravity: 0.75-0.90 | Vapour Density (air=1): Not applicable | Vapour Pressure (mmHg): Not applicable | Evaporation Rate: Not applicable |
| Boiling Point (°C): Not applicable | Freezing Point (°C): Not applicable | pH: (1% solution) 11.9 ± 0.1 | Coefficient of Water/Oil Distribution: N/A |

Section 4 - Fire and Explosion Data

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| Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | If yes, under which conditions? | |
| Means of Extinction: Water, dry Chemical, Carbon Dioxide or Foam. Wear self-contained breathing apparatus | | |
| Flashpoint (°C) and Method: Not applicable | Upper Flammable Limit (% by volume): Not applicable | Lower Flammable Limit (% by volume): Not applicable |
| Autoignition Temperature (°C): Not applicable | Explosion Data - Sensitivity to Impact Not applicable | Explosion Data - Sensitivity to Static Discharge: Not applicable |
| Hazardous Combustion Products: Oxides of sulfur, phosphorus | | |

Section 5 - Reactivity Data

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|---|--|
| Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | If no, under which conditions? |
| Incompatibility with Other Substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | If yes, which ones? Acids, reducing agents, amines and ammonia |
| Contact with acids will produce heat and release chlorine gas. Reducing agents can generate heat releasing chlorine. Contact with ammonia and nitrogen containing compounds can produce nitrogen gas and chloramines. | |
| Reactivity, and under what conditions? not dangerously reactive | |
| Hazardous Decomposition Products: | |

Product Identifier: BIOMAX DRY

Section 6 - Toxicological Properties

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|---|--|--|--|--|---|
| Route of Entry | <input checked="" type="checkbox"/> Skin Contact | <input type="checkbox"/> Skin Absorption | <input checked="" type="checkbox"/> Eye Contact | <input checked="" type="checkbox"/> Inhalation | <input checked="" type="checkbox"/> Ingestion |
| Effects of Acute Exposure to Product: May cause severe irritation to skin. May cause severe irritation or permanent damage to eyes. May cause severe irritation of the digestive tract. | | | | | |
| May cause respiratory irritation | | | | | |
| Effects of Chronic Exposure to Product: Not available | | | | | |
| Exposure Limits (value, source, date): Not available | | | Irritancy (if yes, explain): irritation to skin, eyes, digestive tract and respiratory system Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | |
| Sensitization (if yes, explain): Not available Yes <input type="checkbox"/> No <input type="checkbox"/> | | | Carcinogenicity (if yes, explain): Not available Yes <input type="checkbox"/> No <input type="checkbox"/> | | |
| Reproductive Toxicity (if yes, explain): Not available Yes <input type="checkbox"/> No <input type="checkbox"/> | | | Teratogenicity (if yes, explain): Not available Yes <input type="checkbox"/> No <input type="checkbox"/> | | |
| Mutagenicity (if yes, explain): Not available Yes <input type="checkbox"/> No <input type="checkbox"/> | | | Synergistic Products (if yes, explain): Not available Yes <input type="checkbox"/> No <input type="checkbox"/> | | |

Section 7 - Preventive Measures

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|--|--|--|---|-----------------------------------|-----------------------------------|--------------------------------|
| Personal Protective Equipment | <input checked="" type="checkbox"/> Gloves | <input checked="" type="checkbox"/> Respirator | <input checked="" type="checkbox"/> Eye | <input type="checkbox"/> Footwear | <input type="checkbox"/> Clothing | <input type="checkbox"/> Other |
| If checked, specify type: Natural rubber, Neoprene or PVC gloves. NIOSH approved dust mask. Safety glasses | | | | | | |
| Engineering Controls (specify, such as ventilation, enclosed process): Mechanical exhaust | | | | | | |
| Leak and Spill Procedure: Sweep or scoop up material for disposal. Wash spill with large volumes of water. | | | | | | |
| Waste Disposal: Dispose according to municipal, provincial and federal regulations. | | | | | | |
| Handling Procedures and Equipment: Avoid inhalation of dust. | | | | | | |
| Storage Requirements: Store in a cool dry area in a closed container. | | | | | | |
| Special Shipping Information | | | | | | PIN |

Section 8 - First Aid Measures

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| Inhalation: Remove patient to fresh air. Get medical attention for any breathing difficulty. |
| Ingestion: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately. |
| Skin Contact: Flush affected area thoroughly with water. If irritation develops, contact a physician. |
| Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately. |

Section 9 - MSDS Preparation

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| Prepared By: West Heat Industries Limited | Sources used: Prairie West Industrial Ltd | Preparation Date: April 18, 2007 |
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