

SAFETY DATA SHEET — 16 Sections


SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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| Product Identifier GROUNDBREAKER | | [WHMIS Classification] | |
| Product Use | | | |
| Manufacturer's Name VI-CORE | | Supplier's Name VI-CORE | |
| Street Address 23836 HWY 30 | | Street Address PO BOX 303 | |
| City MONTPELIER | | State ID | City VICTOR |
| Postal Code 83254 | | Manufacturer's Telephone 208-317-3916 | Emergency Telephone 1-800-262-8200 (Chem Trec) |
| Date MSDS Prepared 2/7/2014 | | MSDS Prepared By Midwest Laboratories, Inc. | Phone Number 402-334-7770 |

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients (<i>specific</i>) | % | CAS Number | LD ₅₀ of Ingredient (<i>specify species and route</i>) | LC ₅₀ of Ingredient (<i>specify species</i>) |
|---|-----|------------|--|---|
| No known hazardous ingredients | N/A | N/A | N/A | N/A |
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SECTION 3 — HAZARDS IDENTIFICATION

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| Route of Entry | <input checked="" type="checkbox"/> Skin Contact | <input checked="" type="checkbox"/> Skin Absorption | <input checked="" type="checkbox"/> Eye Contact | <input checked="" type="checkbox"/> Inhalation | <input checked="" type="checkbox"/> Ingestion |
| Emergency Overview No known acute effects from handling the product. | | | | | |
| WHMIS Symbols | | | | | |
|  | | <p style="text-align: center;">Caution</p> <p style="text-align: center;">Could be a skin irritant if allergic.</p> | | | |
| Potential Health Effects Acidic pH (0.43 S.U.) may cause skin irritation. No known long term health effects. | | | | | |

SECTION 4 — FIRST AID MEASURES

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| Skin Contact Flush with water. Contact physician if conditions do not improve. |
| Eye Contact Flush with water. Contact physician if conditions do not improve. |
| Inhalation N/A |
| Ingestion N/A |

SECTION 5 — FIRE FIGHTING MEASURES

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| Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes, under which conditions? | |
| Means of Extinction Material will not ignite or burn. | | |
| Flashpoint (° C) and Method >100°C ASTM D93 | Upper Flammable Limit (% by volume) N/A – Liquid content boils | Lower Flammable Limit (% by volume) N/A – Liquid content boils |
| Autoignition Temperature (°C) N/A – will not burn | Explosion Data — Sensitivity to Impact Not explosive | Explosion Data — Sensitivity to Static Discharge Not explosive |
| Hazardous Combustion Products Decomposition production will include CO ₂ , CO, and sulfur compounds. | | |
| [NFPA] Not listed. | | |

SECTION 6 — ACCIDENTAL RELEASE MEASURES

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| Leak and Spill Procedures Follow state and federal regulations. Prevent material from entering waters of the state. Use diking material. Absorb with a general absorbent. |
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SECTION 7 — HANDLING AND STORAGE

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| Handling Procedures and Equipment No special procedures for handling the product and no special equipment required. |
| Storage Requirements No special storage requirements. |

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

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| Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (<i>specify</i>) Not listed. |
| Specific Engineering Controls (<i>such as ventilation, enclosed process</i>) No special engineering. Acidic pH may cause corrosion on some types of metal alloys. |
| Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other |
| If checked, please specify type Wear general purpose gloves if handling in large quantities. Always wear protective eyewear when working with product. Wear protective clothing to cover the skin if individual is allergic to the product. |

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State Liquid | Odor and Appearance Pink liquid with low odor | Odor Threshold (ppm) Not tested. |
| Specific Gravity 1.0905 g/mL | Vapor Density (air = 1) Not tested. | Vapor Pressure (mmHg) Not tested. |
| Evaporation Rate Similar to water. | Boiling Point (° C) 100°C | Freezing Point (° C) 0°C |
| pH 0.43 S.U. | Coefficient of Water/Oil Distribution Will partition to water. | [Solubility in Water] 100% soluble and miscible. |

SECTION 10 — STABILITY AND REACTIVITY

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| Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If no, under which conditions? |
| Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes, which ones? Strong oxidizers such as permanganate. |
| Reactivity and under what conditions? Non reactive to acid, base, or water. | |
| Hazardous Decomposition Products CO₂, CO, Sulfur compounds. | |

SECTION 11 — TOXICOLOGICAL INFORMATION

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| Effects of Acute Exposure No known toxicological effects. Material has an acidic pH, but is not caustic to skin. | |
| Effects of chronic exposure Could develop skin hypersensitivity over prolonged use and exposure. | |
| Irritancy of Product Mild irritant. | |
| Skin sensitization Mild sensitizer. | Respiratory sensitization Mild |
| Carcinogenicity-IARC Not listed. | Carcinogenicity - ACGIH Not listed. |
| Reproductive toxicity Not listed. | Teratogenicity Not listed. |
| Embrototoxicity Not listed. | Mutagenicity Not listed. |
| Name of synergistic products/effects None known. | |

SECTION 12 — ECOLOGICAL INFORMATION

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| [Aquatic Toxicity] No known toxicity. May increase oxygen levels. As a precaution, prevent entry into rivers or lakes of the state. |
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SECTION 13 — DISPOSAL CONSIDERATIONS

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| [Water Disposal] Material can be land applied or if collected and absorbed with an absorbent, material can be disposed of in a licensed landfill. |
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SECTION 14 — TRANSPORT INFORMATION

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| Special Shipping Information No special shipping required. | |
| | PIN |
| TDG Not listed. | [DOT] Not listed. |
| [IMO] Not listed. | [ICAO] Not listed. |

SECTION 15 — REGULATORY INFORMATION

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| [WHMIS Classification] Not listed | [OSHA] Not listed |
| [SERA] Not listed | [TSCA] Not listed |
| <i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.</i> | |

SECTION 16 — OTHER INFORMATION

This information hereby is furnished without warranty of any kind. Individual handling the product should only use this information as supplemental information to others gathered. The information used by the parties handling and using the product need to be aware of proper use and disposal of the material.