

SECTION 1: IDENTIFICATION

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| PRODUCT IDENTIFIER: | ALUMINUM POWDER 200 |
| OTHER MEANS OF IDENTIFICATION: | None |
| RECOMMENDED USE: | Cement additive |
| RESTRICTIONS ON USE: | None known |
| SUPPLIER IDENTIFIER: | Di-Corp 8750-53 Ave Edmonton, AB T6E 5G2 780-440-4923 |
| EMERGENCY PHONE NUMBER: | 780-468-4064 |

SECTION 2: HAZARD IDENTIFICATION

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| CLASSIFICATION: | Not hazardous per part 2 of the HPR |
| LABEL SYMBOLS: | Not applicable |
| SIGNAL WORD: | Not applicable |
| CLASSIFICATION INFORMATION: | Not applicable |
| PRECAUTIONARY STATEMENTS: | Not applicable |
| OTHER HAZARDS: | Not applicable |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| CHEMICAL NAME | CAS NUMBER | CONCENTRATION |
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| Aluminum | 7429-90-5 | 98 - 100% |

SECTION 4: FIRST AID MEASURES

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| SKIN CONTACT: | Remove contaminated clothing and wash affected area thoroughly with water and soap. If irritation occurs, and persists, obtain medical attention. |
| EYE CONTACT: | Do not rub eyes. Immediately flush with gently flowing warm water until irritation ceases. Obtain medical attention if irritation persists. |
| INGESTION: | Rinse mouth with water. If symptoms occur, or large amount ingested, obtain medical attention. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing. |
| INHALATION: | Move to area free from dust. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues obtain medical attention. |
| MOST IMPORTANT SYMPTOMS / EFFECTS: | No known acute or chronic health effects are expected as a result of contact with this product. |
| IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: | Treat symptomatically. |

SECTION 5: FIRE-FIGHTING MEASURES

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| SUITABLE EXTINGUISHING MEDIA: | Dry sand, sodium chloride powder, graphite powder or Met-L-X powder. Confining and smothering metal fires is preferable rather than applying water. Apply extinguishing media carefully to avoid creating airborne dust. |
| UNSUITABLE EXTINGUISHING MEDIA: | Do not use water jet as an extinguisher. Dousing metallic fires with water may generate hydrogen gas, an extremely dangerous explosion hazard, particularly if fire is in a confined environment. Foam. Carbon dioxide. |

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| SPECIFIC FIRE HAZARDS: | POTENTIAL COMBUSTIBLE DUST HAZARD. May form combustible dust concentrations in air. Dust accumulation from this product may present an explosion hazard in the presence of an ignition source. |
| HAZARDOUS COMBUSTION PRODUCTS: | Not available. |
| SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS: | Self-contained breathing apparatus required for fire-fighting personnel. Move containers from fire area if safe to do so. Cool containers with flooding quantities of water until well after fire is out. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate safety gear including eye and respiratory protection. Eliminate ignition sources. Avoid generation of dusts during clean-up. Use only non-sparking tools.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect dry material by vacuum or by sweeping and shoveling. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water once all traces of material are swept up.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Minimize dust generation and accumulation. Product may form explosive dust/air mixture if high concentration of product dust is suspended in air. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Explosion-proof general and local exhaust ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices. Avoid contact with skin, eyes and clothing. If material is ground, cut or used in any operation which may generate dusts, use appropriate explosion-proof local exhaust ventilation.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Keep containers tightly closed in a dry, cool and well-ventilated place. Never allow product to get in contact with water during storage. Store in a building without sprinklers. Store away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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| EXPOSURE LIMITS: | ACGIH TLV = 1 mg/m ³ |
| ENGINEERING CONTROLS: | Use only with adequate ventilation. If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits. |
| | PERSONAL PROTECTIVE MEASURES |
| RESPIRATORY PROTECTION: | Approved dust masks recommended for dust levels below TLV. Use a properly fitted particulate filter respirator complying with an approved standard if airborne concentrations exceeds TLV or if a risk assessment indicates this is necessary. |
| PROTECTIVE GLOVES: | Personal preference. |
| EYE PROTECTION: | Safety glasses with side-shields. |
| OTHER PROTECTIVE EQUIPMENT (SPECIFY): | Protective clothing as required to prevent contact. Ensure eye-wash station is available. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| APPEARANCE: | Silver powder |
| ODOUR: | Characteristic |
| ODOUR THRESHOLD: | Not available |

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| pH: | Not available |
| MELTING POINT / FREEZING POINT: | Not available |
| BOILING POINT / RANGE: | 2327°C (estimated) |
| FLASH POINT: | Not applicable |
| EVAPORATION RATE: | Not available |
| FLAMMABILITY: | Not available |
| FLAMMABILITY / EXPLOSIVE LIMITS: | Not available |
| VAPOUR PRESSURE: | Not available |
| VAPOUR DENSITY: | Not available |
| RELATIVE DENSITY: | Not available |
| SOLUBILITY: | Not available |
| PARTITION COEFFICIENT: | Not available |
| AUTO-IGNITION TEMPERATURE: | 590°C |
| DECOMPOSITION TEMPERATURE: | Not available |
| VISCOSITY: | Not available |

SECTION 10: STABILITY AND REACTIVITY

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| REACTIVITY: | Not available. |
| CHEMICAL STABILITY: | Stable at normal conditions. |
| POSSIBILITY OF HAZARDOUS REACTIONS: | Not available. |
| CONDITIONS TO AVOID: | Exposure to moisture. Keep away from heat, sparks and open flame. Avoid high temperatures. Minimize dust generation and accumulation. Contact with incompatible materials. |
| INCOMPATIBLE MATERIALS: | Nitrates. Water. Acids. Caustics. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Not available. |

SECTION 11: TOXICOLOGICAL INFORMATION

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| PRODUCT TOXICITY: | Not available. |
| SKIN CONTACT: | May cause mechanical irritation. |
| EYE CONTACT: | May cause mechanical irritation. |
| INGESTION: | Not toxic by ingestion. No effects expected from ingestion of small quantities. |
| INHALATION: | Dust may cause irritation including coughing and sneezing. |
| CARCINOGENICITY: | Not considered to be carcinogenic as per IARC, NTP or OSHA. |
| TERATOGENICITY: | No evidence of teratogenicity. |
| REPRODUCTIVE TOXICITY: | No evidence of reproductive toxicity. |
| MUTAGENICITY: | Not mutagenic according to available information. |
| CHRONIC TOXICITY: | No information available. |
| TARGET ORGAN EFFECTS: | None known. |

SECTION 12: ECOLOGICAL INFORMATION

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| ECOTOXICITY: | Not available. |
| PERSISTENCE AND DEGRADABILITY: | Not available. |
| BIOACCUMULATIVE POTENTIAL: | Not available. |
| MOBILITY IN SOIL: | Not available. |

OTHER ADVERSE EFFECTS: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION 14: TRANSPORTATION INFORMATION

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| TDG | Not regulated |
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG | Not regulated |
| UN NUMBER: | Not applicable |
| PROPER SHIPPING NAME: | Not applicable |
| CLASS: | Not applicable |
| PACKING GROUP: | Not applicable |
| IMDG HAZARDS: | Not applicable |
| BULK TRANSPORT: | Not applicable |
| SPECIAL PRECAUTIONS: | None |

SECTION 15: REGULATORY INFORMATION

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| DSL: | On the list. |
| WHMIS CLASS: | None |
| TSCA: | On the list. |

SECTION 16: OTHER INFORMATION

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| REVISION DATE: | February 5, 2019 |
| REPLACES: | None |

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