

EZfire

HMIS Material Safety Data Sheet

Section 1 - Hazardous Ingredients

None.

Section 2 - Preparation Information

Item Code	708680
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Prepared By	G. Seagrave

Section 3 - Product Information

Supplier Address	H.L. Blachford Ltd. 2323 Royal Windsor Dr., Mississauga, ON, CA, L5J 1K5 Phone 905-823-3200 Health 905-823-3200 Emergency CHEMTREC 800-424-9300 / 703-527-3887
CASRN	MIXTURE
Product Name	EZfire
Chemical Name	MIXTURE BASED ON ALUMINUM SOAP
General Use	GELLING AGENT

Section 4 - Physical Data

Physical State @ (25°C)	Solid
Specific Gravity	1.02
Boiling Point	Not applicable.
Freeze/Melt Point	>200°C.
Vapour Pressure	Not applicable.
Vapour Density	Not applicable.
Odor Threshold	Not available.
pH Level	5 - 6 (for a 5% aqueous dispersion)
Water Solubility	Slight.
Pct. Volatile by Wt.	2 % (Moisture)
Evaporation Rate	Not applicable.
Appearance/Odour	Off-white powder with slight odour.
Coefficient of Water/Oil Distribution	Not available.

Section 5 - Fire and Explosion Data

Flash Point (Method)	Not applicable.
Explosive Limits (LEL, UEL)	Not available.
Auto Ignition Temperature	Not available.
Extinguishing Media	Foam, dry chemical, carbon dioxide, water (fog, or mist).
Special Fire Fighting Procedures	Fire fighters should wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards	High concentrations of airborne dust may present an explosion hazard.
Conditions of Flammability	This product is not defined as flammable nor as combustible although it can be made to burn.
Hazardous Combustion Products	Oxides of carbon, metal oxide fumes.

Section 6 - Reactivity Data

Stability	Product is stable
Conditions to Avoid (Stability)	Open flames, sparks, etc, if there is a high concentration of this product in the air.
Incompatibility (Materials to Avoid)	Strong oxidizers. Strong acids.
Hazardous Decomposition Products	Only on combustion or high temperature thermal decomposition. See Section 5 for Hazardous Combustion Products.
Hazardous Polymerization	Hazardous polymerization will not occur
Conditions to Avoid (Hazardous Polymerization)	None known.

Section 7 - Health Hazard Data

Threshold Limit Value	Not established.
Acute Exposure (Eyes)	Contact with eyes may cause irritation.

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Section 7 - Health Hazard Data

Acute Exposure (Skin)	Could be mild irritant to the skin.
Acute Exposure (Inhalation)	Aspiration of large amount of dust may cause congestion and irritation of respiratory system.
Acute Exposure (Ingestion)	Low toxicity by ingestion.
Chronic Exposure Effects	Grossly excessive and chronic inhalation of dust may cause pulmonary damage.
Other Data	Primary routes of entry: Inhalation, skin and eye contact. LD50 > 5000 mg/kg (Rat, Oral) LD50 > 2000 mg/kg (Rabbit, dermal) LC50 = 183 mg/L (juvenile rainbow trout, 96 h)

Section 8 - Preventive Measures

Other Precautions	High concentrations of dust may create dust explosion hazard. Avoid sparks and other sources of ignition.
Respiratory Protection	For dust producing operations, wear appropriate respiratory protection.
Vent (Local, Exhaust)	Recommended if fumes, vapours or dust are generated during use.
Vent (General, Mechanical)	Recommended during handling and use.
Protective Gloves	Rubber or plastic.
Eye Protection	Wear safety glasses or chemical goggles.
Other Protection	Eye wash facility.
Precautions for Handling and Storage	Avoid contact with skin and eyes. Avoid breathing dust. Use with adequate ventilation.
Spill Remediation Measures	Vacuum, sweep or scoop up. Avoid producing airborne dust.
Waste Disposal Measures	Do not allow product to enter sewers, streams and other bodies of water. Consult federal, state/provincial and local authorities for proper disposal procedures.

Section 9 - First Aid Treatment

Skin	Wash with soap and water.
Eyes	Flush eyes well with water for at least 15 minutes. Seek medical attention if any irritation persists.
Ingestion	Drink several glasses of water to dilute. Seek immediate medical advice.
Inhalation	If overcome by dust, remove person to fresh air. Give artificial respiration if necessary. Seek medical help if there are breathing difficulties.

Section 10 - HMIS Guide

Health	1
Flammability	1
Reactivity	0
Personal Protection	E

Section 11 - US Regulatory Guide

Proper DOT Shipping Name	Not regulated as a hazardous material.
Hazard Class	Not applicable.
UN/NA ID Number	None.
Other Regulatory Information	Chemical Inventory Status: This product and/or each of its component parts is included in the US Toxic Substances Control Act (TSCA) inventory and in the Canadian Environmental Protection Act (CEPA - DSL/NDSL) inventory. This product does not contain any material subject to the annual reporting requirements of SARA, Title III, Section 313. RCRA: This product, if discarded, does not meet the definition of a 'hazardous waste' pursuant to 40 CFR 261, "Identification and Listing of Hazardous Waste."

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