

**SECTION I: IDENTIFICATION OF PRODUCT**

<b>Product Identifier</b>	<b>FLASH 21B</b>
<b>Supplier</b>	ICL Performance Products Ltd. 3060 Airport Rd. Kamloops, BC V2B 7X2 Phone: (250) 554-3530
<b>Emergency Contact (24/7)</b>	<b>403-203-1481</b>
<b>Chemical Family / Formula</b>	Iron Solution
<b>Product Use</b>	Hydrocarbon Gellant

**SECTION II: HAZARDOUS AND/OR INGREDIENT DISCLOSURE COMPONENTS**



Name	Percent (v/v%)	CAS#	LD <sub>50</sub> (oral rat)	LD <sub>50</sub> (dermal rabbit)	LC <sub>50</sub> (inhalation rat)
Ferric sulfate	30 - 60	10028-22-5	Not available	Not available	Not available
Monoethanolamine	1 - 5	141-43-5	Not available	Not available	Not available
n-alkyldimethyl benzyl ammonium chloride	0.5 - 1.5	68424-85-1	Not available	Not available	Not available
Ethylene Glycol	5 - 10	107-21-1	Not available	Not available	Not available

**SECTION III: HEALTH HAZARDS**

<b>Routes of Entry</b>	<b>[XX] SKIN [XX] EYE CONTACT [XX] INHALATION [XX] INGESTION</b>
<b>Threshold Limit Value</b>	Monoethanolamine: OSHA PEL: TWA 3 ppm; STEL 6 ppm ACGIH TLV: TWA 3 ppm; STEL 6 ppm Ethylene Glycol: OSHA PEL: CL 50 ppm ACGIH TLV: CL 50 ppm (vapour)
<b>Skin Contact</b>	Severe irritant. Corrosive to the skin. Can cause smarting and burning sensations, inflammation, burns and painful blisters.
<b>Eye Contact</b>	Severe irritant. Corrosive. Can cause redness, irritation, inflammation, tearing, and tissue destruction.
<b>Ingestion</b>	Low oral toxicity. Can cause burns to oesophagus and throat.
<b>Inhalation</b>	Mists may cause respiratory tract irritation.
<b>Carcinogenicity</b>	Not determined
<b>Reproductive Toxicity</b>	Not determined
<b>Teratogenicity</b>	Ethylene glycol: Very toxic. Embryotoxicity and teratogenicity observed in animal studies. Doses were not toxic to the mother.
<b>Mutagenicity</b>	Not determined
<b>Developmental Toxicity</b>	Not determined

**SECTION IV: FIRST AID MEASURES**

<b>Skin Contact</b>	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash clothing before re-use. Destroy contaminated shoes.
<b>Eye Contact</b>	Immediately flush eyes with water for 15 minutes and call a physician. Contact lenses should not be worn when working with this material.
<b>Ingestion</b>	Do not induce vomiting. If conscious, dilute by giving two glasses of water. Call a physician immediately.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

Protective Equipment	Transportation of Dangerous Goods	WHMIS
 Chemical Goggles, chemically resistant gloves, rubber apron recommended.	<b>Shipping Name:</b> CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (FERRIC SULFATE) <b>Class:</b> 8 <b>UN Number:</b> UN3264 <b>Packing Group:</b> III	 <b>E, D2A</b> <b>Corrosive, Teratogen</b>

<b>SECTION V: PHYSICAL DATA</b>	
Appearance	Liquid
Odour	Slight odour
Specific Gravity	1.373
Boiling Point (°C)	Not determined
Melting Point (°C)	Not determined
Solubility in Water	Not determined
Percent Volatile by Volume	Not determined
Evaporation Rate	Not determined
Vapour Pressure (mm Hg)	Not determined
Vapour Density (Air = 1)	Not determined
pH	1.0

<b>SECTION VI: FIRE AND EXPLOSION HAZARD DATA</b>	
Flash Point	>100°C (TCC)
Flammable Limits	Not determined
Extinguishing Media	CO <sub>2</sub> ; Foam; Dry Chemical; Water Spray
Special Fire Fighting Procedures	Use full protective equipment and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards	Though the product is not flammable, evaporation of sufficient quantities of material will render the product combustible.

<b>SECTION VII: REACTIVITY DATA</b>	
Stability	<input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE
Incompatibility (Conditions to Avoid)	Strong oxidizers, strong bases, strong reducers
Conditions of Reactivity	Not known
Hazardous Decomposition Products	CO <sub>x</sub>
Hazardous Polymerization	<input checked="" type="checkbox"/> WILL NOT OCCUR <input type="checkbox"/> MAY OCCUR

<b>SECTION VIII: PREVENTIVE MEASURES</b>	
<b>Special Protection Information</b>	
Respiratory Protection	Use NIOSH approved organic vapour cartridge respirator when TLV's are exceeded.
Ventilation	General mechanical
Protective Gloves	Chemically resistant
Eye Protection	Chemical goggles
Other Protective Equipment (Specify)	Suggest rubber apron
<b>Accidental Release Measures</b>	
Steps to be taken in case the Material is Spilled or Released	Use full protective equipment and breathing apparatus. Eliminate all ignition sources. Contain spill. Absorb with inert absorbent. Place absorbent in closed metal containers for disposal. Do not flush in to sewer.
<b>Handling and Storage</b>	
Precautions to be taken in Handling and Storing	Store in cool, well-ventilated area. Practice reasonable caution and personal cleanliness. Avoid skin contact and inhalation.
<b>Disposal</b>	
Waste Disposal Method	Incinerate/dispose to conform to local disposal regulations.

<b>SECTION IX: PREPARATION</b>	
Date Issued	April 2008
Supersedes	January 2008
Prepared by	Product safety committee
Phone	403-279-8545

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