

SECTION I: IDENTIFICATION OF PRODUCT

Product Identifier	FLASH 21A
Supplier	ICL Performance Products Canada Ltd. 3060 Airport Rd Kamloops, BC V2B 7X2 Phone: (250) 554-3530
Emergency Contact (24/7)	403-203-1481
Chemical Family / Formula	Phosphate ester
Product Use	Hydrocarbon gelling agent

SECTION II: HAZARDOUS AND/OR INGREDIENT DISCLOSURE COMPONENTS

Name	Percent (w/w%)	CAS#	LD₅₀ (oral rat)	LD₅₀ (dermal rabbit)	LC₅₀ (inhalation rat)
Phosphoric Acid, mixed decyl, octyl and ethyl esters	60 - 100	68412-60-2	Not Available	Not Available	Not determined
Decanol	3 - 7	112-30-1	Not Available	Not Available	Not Available
Octanol	3 - 7	111-87-5	Not Available	Not Available	Not Available

SECTION III: HEALTH HAZARDS



Routes of Entry	[XX] SKIN [XX] EYE CONTACT [XX] INHALATION [XX] INGESTION
Threshold Limit Value	Not determined
Skin Contact	Severe irritant. Corrosive to the skin. Can cause smarting and burning sensations, inflammation, burns and painful blisters.
Eye Contact	Severe irritant. Can cause redness, irritation, inflammation, tearing, and tissue destruction.
Ingestion	Low oral toxicity. Can cause burns to oesophagus and throat.
Inhalation	Mists may cause respiratory tract irritation.
Carcinogenicity	Not determined
Reproductive Toxicity	Not determined
Teratogenicity	Not determined
Mutagenicity	Not determined
Developmental Toxicity	Not determined

SECTION IV: FIRST AID MEASURES

Skin Contact	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.
Eye Contact	Immediately flush eyes with water for 15 minutes and call a physician. Contact lenses should not be worn when working with this material.
Ingestion	Do not induce vomiting. If conscious, dilute by giving two glasses of water. Call a physician immediately.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

SECTION V: PHYSICAL DATA

Appearance	Yellow liquid
Odour	Slight odour
Specific Gravity	1.01
Boiling Point (°C)	Not determined
Melting Point (°C)	Not determined

Protective Equipment	Transportation of Dangerous Goods	WHMIS
 Chemical goggles, chemically resistant gloves, rubber apron recommended.	Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(DECYL/OCTYL ALCOHOL, PHOSPHATE ESTER) Class: 8 UN Number: UN3265 Packing Group: III	 E Corrosive

SECTION V: PHYSICAL DATA (continued)

Solubility in Water	Not determined
Percent Volatile by Volume	12
Evaporation Rate	Not determined
Vapour Pressure (mm Hg)	Not determined
Vapour Density (Air = 1)	Not determined
pH	1.7 (10 %wt/wt)

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

Flash Point	>100°C (TCC)
Flammable Limits	Not determined
Extinguishing Media	CO ₂ ; 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.

SECTION VII: REACTIVITY DATA

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 _x , PO _x
Hazardous Polymerization	<input checked="" type="checkbox"/> WILL NOT OCCUR <input type="checkbox"/> MAY OCCUR

SECTION VIII: PREVENTIVE MEASURES

Special Protection Information	
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
Accidental Release Measures	
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.
Handling and Storage	
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.
Disposal	
Waste Disposal Method	Incinerate/dispose to conform to local disposal regulations.

SECTION IX: PREPARATION

Date Issued	April 2008
Supersedes	January 2008
Prepared by	Product safety committee
Phone	403-279-8545

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