



I - PRODUCT IDENTIFICATION AND USE					1291
PRODUCT NAME: FRYER CLEANER & DEGREASER D34					
USE: Grease Remover					
SUPPLIER: DiverseyLever Canada division of U L Canada Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: Surfactant/Solvent			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Potassium carbonate	5-10	000584-08-7	LD50 1870 mg/kg	oral/rat	
Dipropylene glycol methyl ether	3-7	034590-94-8	LD50 5660 mg/kg	oral/rat	
Dipropylene glycol monobutyl ether	3-7	029911-28-2	LD50 4400 mg/kg	oral/rat	
Sodium metasilicate	3-7	006834-92-0	LD50 1153 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT:					
Gloves: Neoprene or Nitrile		Eye: safety glasses		Footwear: not required	
Respiratory: not required			Other: not required		
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.					
VENTILATION REQUIREMENTS: general ventilation					
INCOMPATIBILITY (Material to Avoid): Oxidizing materials.					
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.					
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.					
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Red liquid					
S.G. / BULK DENSITY(g/cc): 1.1			pH: 13.5		
VAPOUR PRESSURE (mmHg): not available			VAPOUR DENSITY (air=1): not available		
ODOUR THRESHOLD: not available			BOILING POINT: approx. 100°C		
FREEZING POINT: approx. 0°C			PERCENT VOLATILE: 80%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): approx. 1		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: May cause severe irritation.					
SKIN: May cause severe irritation.					
INGESTION: May cause severe irritation of the digestive tract.					
INHALATION: No serious or irreversible effects expected.					

LD50 (calculated): 11,540 mg/kg	LC50 (calculated): not applicable
OTHER TOXIC EFFECTS: TLV - Dipropylene Glycol Methyl Ether TWA: 606 mg/m3; STEL: 909 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
SKIN:	Flush affected area thoroughly with water. If irritation develops, contact a physician.
INGESTION:	Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: none	AUTO IGNITION TEMPERATURE, °C: N/Ap
EXTINGUISHING MEDIA: Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: not applicable	
INCOMPATIBILITY (Material to Avoid) : Oxidizing materials.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with oxidizing materials.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, Supplier's MSDS.	PREPARED BY: DiverseyLever Canada Research and Development Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2000	
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