

COMMONWEALTH OIL CORPORATION

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TECHNICAL & MSDS
INFORMATION
December 26, 2000
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PRODUCT NAME:	EDM 244™ (NUCLEAR APPROVED)	PART #:	8000
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SECTION 1: PRODUCT INFORMATION

WHMIS CLASSIFICATION:	NOT CLASSIFIED	EMERGENCY NUMBER:	CANUTEC (613) 996-6666 COLLECT
CHEMICAL FAMILY:	PARAFFINIC HYDROCARBON		
T.D.G. CLASSIFICATION	CLASS B	MATERIAL USE:	DIELECTRIC & TRANSFORMER FLUID

NFPA CLASSIFICATION		HAZARD RATING		
HEALTH: <u> 1 </u>	FIRE: <u> 1 </u>	LEAST 0	HIGH 3	SLIGHT 1
REACTIVITY: <u> 0 </u>	(SEE TABLE AT RIGHT)	MODERATE 2	EXTREME 4	

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENTS	APPROX. CONC. %	C.A.S. #	EXPOSURE LIMITS	LD50/LC50
No Hazardous Ingredients				

SECTION 3: PHYSICAL DATA

PHYSICAL STATE:	LIQUID	EVAPORATION RATE:	< 0.01
ODOR/APPEARANCE:	ODORLESS/CLEAR&COLOURLESS	BOILING PT. °C (°F):	253-272 (489-523)
ODOR THRESHOLD:	n/a	FREEZING PT. °C (°F):	7.2 (45)
VAPOR PRESSURE:	< 1.0 mm Hg @ 20°C	pH:	n/a
VAPOR DENSITY (AIR=1):	> 5	SPECIFIC GRAVITY:	0.770
% VOLATILE, BY VOLUME:	N/A	SOLUBILITY IN WATER:	NOT SOLUBLE

SECTION 4: FIRE & EXPLOSION DATA

FLASH POINT °C (°F) METHOD:	115 (239) COC	UPPER EXPLOSION LIMIT:	8.7
AUTO IGNITION TEMPERATURE:	> 200 (392)	LOWER EXPLOSION LIMIT:	1.3
GENERAL HAZARDS: Low Hazard: Liquids may burn upon heating to temperatures at or above the flash point.	FIRE FIGHTING: Do not use forced stream as this could cause fire to spread. Self-contained breathing apparatus should be worn by firefighters.		
HAZARDOUS COMBUSTION PRODUCTS: Smoke, carbon monoxide, carbon dioxide.	EXTINGUISHING MEDIA: Dry chemical, foam, CO2 & water mist or fog may be used to cool below flash point.		

SECTION 5: REACTIVITY DATA

STABILITY: This product is stable. Hazardous polymerization will not occur.	
INCOMPATIBLE MATERIALS & CONDITIONS TO AVOID: Strong oxidizing agents.	HAZARDOUS DECOMPOSITION: Fumes, smoke, carbon monoxide in case of incomplete combustion.

N/A = NOT AVAILABLE n/a = NOT APPLICABLE

SECTION 6: TOXICOLOGICAL PROPERTIES

INHALATION: Negligible hazard at normal temperatures (up to 38°C/100°F). Elevated temperatures or mechanical action may form vapors, mists or fumes which may be irritating to the eyes, nose, throat and lungs. Avoid breathing vapors or mists.

EYE CONTACT: Slightly irritating, but will not injure eye tissue. Advisable to use safety glasses or goggles.

SKIN CONTACT: Low toxicity. Frequent or prolonged contact may irritate the skin. Oil impervious gloves advisable.

INGESTION: Low toxicity.

OCCUPATIONAL EXPOSURE LIMITS: For oil mists: 5mg/m3 (ACGIH)

ACUTE TOXICITY DATA: Avoid breathing mist & fumes. Proper ventilation should be utilized.

"CALIFORNIA PROPOSITION 65"

This product does NOT contain any known substances that cause Cancer; Birth Defects or any other Reproduction harm.

SECTION 7: PREVENTATIVE AND CORRECTIVE MEASURES

GLOVES & FOOTWEAR: Gloves recommended

RESPIRATORY [SPECIFY]: None required

EYE [SPECIFY]: Safety glasses

CLOTHING [SPECIFY]: Not normally required

ENGINEERING CONTROLS [E.G. VENTILATION, ENCLOSED PROCESS SPECIFY]: Local exhaust is recommended to control emissions at the source. Mechanical ventilation is recommended for confined areas.

LEAK AND SPILL PROCEDURES: Dike and contain spill immediately. Do not allow spill to enter sewer or watercourses. Use a suitable, non-combustible absorbent (e.g. sand, earth, Floor Dry) to clean up spill. Shovel absorbent into a suitable disposal container. Ventilate spill area.

WASTE DISPOSAL: Ensure disposal is in compliance with government requirements and local regulations.

HANDLING PROCEDURES AND EQUIPMENT: Use proper grounding procedures as material can accumulate static charges. Do not cut, weld, heat or pressurize empty containers.

STORAGE REQUIREMENT: Keep containers closed when not in use. Store in a cool, ventilated area away from incompatible materials. Do not store near open flames or sources of ignition.

SECTION 8: FIRST AID MEASURES

SKIN: Immediately wash with soap and water. Remove contaminated clothing and have laundered before using again.

EYE: Flush eyes with plenty of water until irritation subsides. If irritation persists, consult a physician at once.

INHALATION: In emergency, remove victim to fresh air at once. Administer artificial respiration at once if breathing stops. Keep at rest and consult a physician at once.

INGESTION: If swallowed, **DO NOT INDUCE VOMITING.** Keep at rest and consult a physician at once.

SECTION 9: PREPARATION DATA OF M.S.D.S.

DATE: December 26, 2000

PREPARED BY: TECHNICAL SERVICES DEPARTMENT
COMMONWEALTH OIL CORPORATION +1 519 738-3503

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*** IN-PLANT HEALTH & SAFETY PRACTICES SHOULD INCLUDE COMMON SENSE ***