

Belmont Equipment Company

32055 Edward Ave., Madison Heights, MI 48071-1495 (248) 588-7011

Eastern/Central (800) 356-4811 Mountain/Pacific (800) 394-4993

MSDS#: 8010

Page 1 of 2

MATERIAL SAFETY DATA SHEET**Product Name:** EDM Super Supreme HD Synthetic Di-Electric Fluid**Date:** Jan. 2007**Section 1: Product Information**

Chemical Name: Dielectric Fluid	Emergency Number: 613-996-6666
Chemical Family: Synthetic Hydrocarbon	Material Use: Dielectric & Transformer Fluid
T.D.G. Classification: Not Regulated	WHMIS Classification: Not Controlled
NFPA Classification: Health: Slight—Fire: Slight—Reactivity: Least	

Section 2: Hazardous Ingredients

Ingredients	Approx. Conc. %	C.A.S.#	TLV*	PEL**
No Hazardous Ingredients	-----	-----	-----	-----

Section 3: Physical Data

Boiling Point °C (°F): >270 (518)	Melting Point: N/A
Evaporation Rate: n-butyl acetate=1: <0.1	Solubility in Water: Not Soluble
Appearance: Clear & Colorless Liquid	Odor: Odorless
% Volatile by Volume: N/A	Specific Gravity: 0.770
Vapor Pressure: <1.0mm Hg @20°C	Vapor Density (AIR=1): >1.0
Freezing Point °C (°F): <-10 (14)	PH: n/a

Section 4: Fire & Explosion Data

Flash Point °C (°F) Method: >130 (266) COC Auto Ignition Temperature: >220 (428)	General Hazards: Low Hazard; liquids may burn upon heating to temperatures at or above the flash point.
Hazardous Combustion Products: Smoke, carbon monoxide, carbon dioxide.	Fire Fighting Procedures: Do not use forced stream as this could cause fire to spread. Self-contained breathing apparatus should be worn by firefighters.
Extinguishing Media: Dry chemical, foam, CO2 & water mist or fog may be used to cool below flash point.	Upper/Lower Explosion Limit: N/A

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.

Section 6: Health Hazard Data

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

Skin Contact: Low toxicity. Frequent or prolonged contact may irritate the skin

Ingestion: Low Toxicity

Occupational Exposure Limits: For oil mists: 5mg/m³ (ACGIH)

Acute Toxicity Data: Avoid breathing mist & fumes. Proper ventilation should be utilized.

Section 7: Preventative and Corrective Measures

Gloves & Footwear: Protective gloves recommended

Respiratory (specify): None required

Eye: Safety glasses

Clothing: 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 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: Jan. 2007

Belmont has attempted to provide current and accurate information. Herein, Belmont makes no representations regarding the accuracy or completeness of the information and assumes **no liability for any loss, danger or injury** of any kind which may result from or arise out of the use of this product or reliance on this information by any person.

CALIFORNIA PROPOSITION 65

This product does NOT contain any known substances that cause cancer, birth defects or any other reproduction harm