

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: DIELECTRON 170	Emergency Phone #: 1-800-424-9300
Supplier's Name: Maintenance Equipment & Chemicals	Reference code: MTEQ
Supplier's Address: 1379 Shoemaker St., Nanty Glo, PA 15943	Product #: 041
Phone: (814) 749-9015	
Chemical Name: Isoparaffinic hydrocarbon	
Chemical Family: Nontoxic lubricant and cleaner	

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Isoparaffinic hydrocarbon	64742-47-8	100%	none

SECTION 3-PHYSICAL DATA

Boiling Point (F): 400-500 F
Vapor Pressure: < 0.1mm
Vapor Density: >6
Solubility In Water: 0
Appearance / Odor: Clear liquid—white—very slight petroleum odor
Specific Gravity: 0.800
% Volatile: 100% @ high temp.
Evaporation Rate: (Bu Acetate=1) < 0.1
Other:

SECTION 4-FIRE AND EXPLOSION DATA

Flash Point (F) / Method: > 170F COC
Flammable Limits: 1 to 6 percent in air
Extinguishing Media: Foam, water mist or spray, dry chemical and CO2
Special Fire Fighting Procedures: Use same precautions as petroleum fires. Cool exposed containers with water spray. Minimize breathing fumes.
Unusual Fire &Explosion Hazards: Do not mix with strong oxidants such as liquid chlorine or concentrated oxygen. Do not heat, weld or expose empty container to flames.

SECTION 5-HEALTH HAZARD DATA

Threshold Limit Value: None established—use 300 ppm until established.
Effects of Overexposure: None from vapors in normal use. Prolonged skin contact can defat tissues. Ingestion causes severe diarrhea.
Emergency & First Aid Procedures: Mild eye irritant—flush with water if contact occurs. If ingested call a physician immediately. Wash from skin with soap and water after using. Wash contaminated clothing before reuse.
Carcinogenicity: NA

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid:
Incompatibility: Strong oxidants such as chlorine and oxygen
Hazardous Decomposition Products: Incomplete combustion yields CO
Hazardous Polymerization: Will not occur

SECTION 7-Spill OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Recover free liquid and treat the spill area with absorbents to pick up product residue.
Waste disposal method: Incinerate or landfill following applicable disposal regulations.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required for normal use, only in fires.
Ventilation: NA
Protective Gloves: OK, but not required.
Eye Protection: OK, but not required.
Other Protective Equipment: Water source for emergency eye wash use.

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep containers closed and store away from heat and open flames.
Other Precautions: Keep out of the reach of children.

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By: PM