Health	1
Flammability	1
Reactivity	0
Protective Equipment	B

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY INFORMATION

MANUFACTURER'S NAME
Barker Microfarads

EMERGENCY TELEPHONE NUMBER
(276) 728-9121

ADDRESS (Number, Street, City, State, and Zip)
P.O. Box 697
205 Mill Street
Hillsville, VA 24343

CHEMICAL NAME AND SYNONYMS

TRADE AND SYNONYMS
O1

MATERIAL USES
Oil Fill for Motor Run Capacitors

CHEMICAL FAMILY FORMULA
Oil

SECTION 2 – HAZARDS IDENTIFICATION

WARNING! FLAMMABLE. Keep away from open flame. WARNING! IRRITANT. May be irritating to skin and mucous membranes.

Odor:	Physical State:	Appearance:	Color:
Mild	Liquid	Not Available	Clear, Pale Yellow

POTENTIAL HEALTH EFFECTS

Principal Routes of Exposure:
Ingestion, Skin, Eyes

Acute Potential Health Effects
Eye Contact:
Direct eye contact may cause permanent damage.

Skin Contact:
Irritating to skin. Can cause skin dryness or cracking.

Ingestion:
Health injuries are not known.

Inhalation:
May cause irritation of the nose and throat with headache, particularly from mists. High vapor concentrations may cause nausea, vomiting, headache, and dizziness.

Chronic Potential Health Effects:

Component	Carcinogen Status	Teratogenic Effects	Mutagenic Effects	Developmental Toxicity
Canola Oil	Not listed as a carcinogen	No Information Available	No Information Available	No Information Available
Desiccant	Not listed as a carcinogen	No Information Available	No Information Available	No Information Available

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Stabilizer	No Information Available	No Information Available	No Information Available	No Information Available

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Components	TLV (Units)
Canola Oil	N/A
Desiccant	N/A
Stabilizer	N/A

Threshold Limit Value: No Data.

SECTION 4 – FIRST AID MEASURES

General Advice: Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. First aider needs to protect him/herself.

Ingestion: Do not induce vomiting. If conscious, give several glasses of water and call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

Skin Contact: Wash thoroughly with soap and water. Get medical attention if redness, swelling, itching, or burning occurs.

Inhalation: Move to fresh air. Call a physician if discomfort persists.

Eye Contact: Immediately flush with large amounts of water for 15 minutes. Seek medical attention if redness, swelling, itching, burning, or visual disturbances occur.

SECTION 5 – FIRE-FIGHTING MEASURES

Flashpoint	**Lower Explosion Limit**	**Upper Explosion Limit**
(Closed Cup) 610°F	N/A	N/A

Extinguishing Media: Dry chemical or foam.

Special Fire-Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Remove all sources of ignition. Remove contaminated clothing and flush skin with water.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Avoid losses to waterways.

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Methods for Cleaning Up: Absorb spill with inert material. Contaminated absorbent may be deposited in a landfill in accordance with local, State, and Federal regulations. Clean contaminated surface thoroughly. Soiled rags or absorbent materials should not be kept under high temperature or closed conditions in the presence of oxygen.

SECTION 7 – HANDLING AND STORAGE

Handling

Technical Measures/Precautions: Remove all sources of ignition. Avoid excessive heat to maintain product quality.

Safe Handling Advice: Wear personal protective equipment. Use respiratory protection if TLV is exceeded. Avoid contact with eyes, skin, and clothing. Do not ingest. Keep away from open flame. Do not smoke when using. Handle in accordance with good industrial hygiene and safety practice.

Storage

Technical Measures/Conditions: Keep container closed in a dry place. Store at room temperature. Keep away from high temperatures and open flame. Store away from incompatible materials. Store away from food or portable water supplies. Containers of this material may be hazardous when emptied. Since emptied containers retain product residue (vapor, liquid, and/or solid) all hazard precautions given in this data sheet must be observed.

Incompatible Materials: Oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: Local exhaust is advisable for elevated temperature use. General mechanical exhaust is useful to keep the airborne concentrations of vapor and mist below the threshold limit value.

Personal Protective Equipment

Eye Protection: Wear appropriate protective safety glasses as described by OSHA's eye and face protection regulations in 29 CFR 1910.133. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles.

Skin Protection: Use rubber or polyvinyl chloride coated gloves.

Respiratory Protection: If TLV is exceeded, use NIOSH approved breathing air equipment or NIOSH approved face mask with organic vapor cartridge and dust or mist pre-filter.

Ingestion Protection: Avoid ingestion of even very small amounts; do not consume or store food or tobacco in the work area; wash hands and face before smoking or eating.

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Hygiene Measures: Avoid contact with skin, eyes, and clothing. When using, do not eat, drink, or smoke. Wash hands thoroughly before breaks and immediately after handling the product.

Components	OSHA	NIOSH	ACGIH
Canola Oil	15 mg/m^3	No Data	No Data
Desiccant	No Data	No Data	No Data
Stabilizer	No Data	No Data	No Data

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:
Liquid

Appearance:
No information available

Color:
Clear, Pale Yellow

Odor:
Mild

Boiling Point:
N/A

Specific Gravity (g/cm^3):
1.135 g/cc

Evaporation Rate:
<<1

pH:
No information available

Vapor Density:
N/A

Freezing Point:
No information Available

Autoignition Temperature:
No information available

Vapor Pressure:
No information available

Upper Explosion Limit (%):
No information available

Lower Explosion Limit (%):
No information available

Flash Point:
610°F (Closed Cup)

Relative Density:
No information available

Partition Coefficient (n-octanol/water):
No information available

Decomposition Temp:
No information available

Odor Threshold:
No information available

Solubility in Water:
Insoluble

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: High temperatures. Open flame. Incompatible materials.

Materials to Avoid: Oxidizing agents.

Hazardous Decomposition Products: None known.

Possibility of Hazardous Reactions: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: No data.

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Local Effects

Skin Irritation: Cause skin irritation. A single prolonged exposure is unlikely to result in the material being absorbed through the skin in harmful amounts. Massive contact with damaged skin may result in absorption of potentially harmful amounts.

Eye Irritation: May cause discomfort and irritation. Permanent damage is possible.

Inhalation: May cause irritation of the nose and throat with headache, particularly from mists.

Ingestion: Health injuries are not known.

Chronic Effects

Component	Carcinogen Status	Teratogenic Effects	Mutagenic Effects	Developmental Toxicity
Canola Oil	Not listed as a carcinogen.	None	Not mutagenic	None
Desiccant	Not listed as a carcinogen.	None	Not mutagenic	No Information Available
Stabilizer	No Information Available	No Information Available	No Information Available	No Information Available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: No information available

Persistence and Degradability: No information available

Bioaccumulative Potential: No information available

Mobility: No information available

Other Adverse Effects: No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid) all hazard precautions given in this data sheet must be observed. Waste must be disposed of in accordance with Federal, State, and Local regulations.

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SECTION 14 – TRANSPORT INFORMATION

UN Number: Not applicable.

UN Proper Shipping Name: Not applicable.

Transport Hazard Class(es): Not a DOT controlled material.

Packing Group: Not applicable.

Marine Pollutant: Not applicable.

Special Precautions: Not applicable.

SECTION 15 – REGULATORY INFORMATION

Federal and State Regulations:

Canola Oil
No information available

Desiccant
No information available

Stabilizer
No information available

HMIS (USA):
Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: B

National Fire Protection Association (USA):
Health: 1
Flammability: 1
Reactivity: 0
Specific Hazard:
Protective Equipment: Gloves, safety glasses.

SECTION 16 – OTHER INFORMATION

Preparation Date: April 14, 2014

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