SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name
XCELTERM® ELECTRICAL INSULATING OIL, TYPE 2
Meets Military Specification ASTM D3487-00, TYPE 2
NSN's: 9160-01-419-0888, 9160-00-926-2124, 9150-00-075-9816

Company Identification:
Radco Industries, Inc.
PO BOX 305
LaFox, IL 60147

ISO 9001:2008 Certification Number: C2012-00071

Customer information number: 1-630-232-7966
Shipping emergency or off hour rush orders number: 1-630-336-6728

EMERGENCY TELEPHONE NUMBER
Advisory Office in case of poisoning:
Chemtrec (North America): 1-800-424-9300
Chemtrec (International): 1-703-527-3887

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name CAS
Hydrotreated light napthenic distillate 64742-53-6

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview
Caution! This material may be irritating to eyes, skin and respiratory tract. Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation. Harmful if aspirated into the lungs.

Potential Health Effects

Eye
May cause mild irritation.

Ingestion
May cause gastro-intestinal irritation, nausea, vomiting, and diarrhea.

Inhalation
May cause nasal/respiratory irritation, dizziness.

Skin Contact
May cause mild irritation.
SECTION 4. FIRST AID MEASURES

Eyes
Immediately flush eyes with plenty of water for at least 15 minutes.

Ingestion
If swallowed, drink plenty of water, DO NOT induce vomiting. Immediately call a doctor.

Inhalation
If adverse effects occur, remove to uncontaminated area. Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

Skin
Wash exposed skin with soap and water.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media
- Dry chemical
- Carbon dioxide
- Foam

Fire Fighting Equipment
Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards
Empty containers may contain product residue or vapors which can ignite explosively; do not cut, weld, or drill on or near empty or full containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Action to take for spills/leaks
Prevent spreading by diking, ditching, or absorbing on inert materials. Keep out of sewers and waterways.

CERCLA
Product is covered by EPA’s CERCLA petroleum exclusion. Releases to air, land, or water are not reportable under CERCLA.

CWA
Spills into or leading to surface waters that cause a sheen must be reported to the NPR, 1-800-424-8802.

SECTION 7. HANDLING AND STORAGE

Handling
Do not breathe vapors. Avoid ingestion.

Storage
Store at temperatures between 10°C and 50°C (50°F and 122°F).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines
None established
Component | CAS# | OSHA PEL | ACGIH TLV
--- | --- | --- | ---
Distillates (petroleum) hydrotreated light napthenic | 64742-53-6 | 5 ppm | 5 ppm

Eye protection
Safety glasses, chemical goggles, or face shields recommended to prevent contact.

Skin protection
Wear clothing and gloves that cannot be penetrated by chemicals or oil.

Ventilation
Use with adequate ventilation. Avoid breathing vapor. If heated and ventilation is inadequate, use NIOSH certified respirator, which will protect against organic vapor.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent liquid
Odor: Petroleum Odor
Boiling point: > 400°F (204°C)
Flash point (COC): 295°F (146°C) (COC)
Flammability Classification: -40°F (-40°C)
Dielectric Strength: 20 kV – 30 kV
Solubility in water: Insoluble
Specific gravity at 25°C (77°F): 0.88

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid
Temperature sources which induce thermal decomposition.

Dangerous reactions
No dangerous reactions known.

Hazardous decomposition products
Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

Hazardous polymerization
Will not occur

Materials to avoid
Avoid contact with strong oxidizing agents.

Stability
Stable

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity
No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational safety And Health Act, or the International Agency on Research on Cancer (IARC).
SECTION 12. ECOLOGICAL INFORMATION

Aquatic toxicity
No data available.

SECTION 13. DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations.

Do not allow product to reach ground water, water course, or sewage systems.

RCRA
This unused material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable, or reactive according to U.S. EPA definitions (40 CFR Subpart C). This material could also become hazardous waste if it is mixed with or comes into contact with a listed hazardous waste. If it is a hazardous waste, regulations in 40 CFR 262-266, 268, 270, and 279 may apply.

SECTION 14. TRANSPORT INFORMATION

U.S. Dept. of Transportation Shipping Name
Not regulated.

Canadian Transportation of Dangerous Goods Shipping Name
Not regulated.

European Rail/Road (ADR/RID) Shipping Name
Not regulated.

Air (ICAO/IATA) Shipping Name
Not regulated.

Sea (IMO/IMDG)
Not regulated.

SECTION 15. REGULATORY INFORMATION

United States Regulatory Information

California (Proposition 65)
This product does not contain any of the substances known to the State of California to cause cancer, birth defects, or reproductive harm.

CERCLA Reportable Quantity
This product is not reportable under 40 CFR Part 302.4.

Environmental Protection Agency
None of the ingredients are listed

National Toxicology Program (NTP)
None of the ingredients are listed.

OSHA Hazard Communication Standard

SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355)
This product is not regulated under Section 302 of SARA and 40 CFR Part 355.
SARA Title III Sections 311/312 Hazardous Categorization (40 CFR Part 370):
Hazardous categories for this product are: Acute= no; Chronic= no; Fire=no; Pressure=no; Reactive=no.

SARA Title III Section 313 (40 CFR Part 372)
This product is not regulated under Section 313 of SARA and 40 CFR Part 372

U.S. Inventory (TSCA)
Listed on inventory.


WHMIS Controlled Product Classification:
Not a controlled Product under Canada’s Workplace Hazardous Material Information System.

SECTION 16. OTHER INFORMATION

This product, to the best of our knowledge, does not contain and is not manufactured with any Class I or II Ozone Depleting Chemicals. (ODCs).

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