

XCEL THERM[®] LT Heat Transfer Flushing Fluid

MSDS

MANUFACTURER/SUPPLIER:
RADCO INDUSTRIES, INCORPORATED
P.O. Box 305
LaFox, IL 60147

EMERGENCY HEALTH INFORMATION: (630) 232-7966
EMERGENCY SPILL INFORMATION: (630) 232-7966

Product Name: **Xceltherm[®] LT Flush Fluid**
Effective Date: 9/13/2002 Updated: 7/3/2007

COMPONENTS:

Hydro processed, naphthenic mineral oil (CAS 64742-53-6: 60-80%).
(CAS 64742-52-5: 20-40%).

WARNING STATEMENT: This product has been evaluated and does not require any hazard warning label under the OSHA Hazard Communication Standard.

HMIS/NFPA CODES: (HEALTH;0) (FLAMMABILITY;1) (REACTIVITY;0)

APPEARANCE AND ODOR: Pale yellow oily liquid.

-----**HEALTH HAZARD INFORMATION**-----

EYE

EFFECT: No significant health hazards identified.
FIRST AID: Flush eyes with plenty of water.
PROTECTION: None required; however, use of eye protection is good industrial practice.

SKIN

EFFECT: None expected for short term exposure. Prolonged contact may cause some irritation.
FIRST AID: None required.

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VISCOSITY: 160-170 SUS @ 100°F

PUMPABILITY POINT: (2000 CPs): -10°F

-----**STORAGE AND ENVIRONMENTAL PROTECTION**-----

STORAGE REQUIREMENTS: No special requirements.

SPILLS AND LEAKS: Contain on an absorbent material (e.g., sand, sawdust, dirt, clay).

WASTE DISPOSAL: Disposal must be in accordance with applicable Federal, State, or Local regulations.

-----**TOXICOLOGICAL INFORMATION**-----

EYE: A similar material produced a primary eye irritation score of 0.7/110; 24 hour (rabbit).

SKIN: A similar material produced a primary dermal irritation score of 1.7/8.0. A similar material had a LD50 greater than 2 g/kg. A representative mineral oil was not carcinogenic to the skin of mice in a two year study.

INGESTION: A similar material had a LD50 greater than 5 g/kg. (Rats).

No component of this product is identified as a carcinogen by NTP, IARC, or OSHA.

-----**REGULATORY INFORMATION**-----

CERCLA REPORTABLE QUANTITY: This product is not reportable under 40 CFR Part 302.4.

DOT PROPER SHIPPING NAME: Not regulated.

OSHA HAZARD COMMUNICATION STANDARD: Listed by ACGIH.

RCRA STATUS: This product is not subject to the 40 CFR Part 268.30 land ban on the disposal of certain hazardous wastes.

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PROTECTION: Wear protective gloves is prolonged contact is likely.

INHALATION

EFFECT: No significant health hazards identified.

FIRST AID: If adverse effects occur, remove to uncontaminated area. Get medical attention.

PROTECTION: None required; however, use of adequate ventilation is good industrial practice.

INGESTION

EFFECT: No significant health hazards identified.

FIRST AID: If a large amount is swallowed, induce vomiting, get medical attention.

-----**FIRE AND EXPLOSION INFORMATION**-----

FLASHPOINT: 410°F, Minimum (COC)

EXTINGUISHING MEDIA: Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, halogenated agents, foam, steam) or water fog.

-----**REACTIVITY INFORMATION**-----

DANGEROUS REACTIONS: None identified

HAZARDOUS DECOMPOSITION: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

STABILITY: Stable.

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-----**CHEMICAL AND PHYSICAL PROPERTIES**-----

SOLUBILITY IN WATER:	Negligible, below 0.1%
SPECIFIC GRAVITY (WATER = 1):	0.87
TSCA STATUS:	All of the components of this product are listed on the TSCA Inventory.

-----**SUPPLEMENTAL INFORMATION**-----

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.

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