

MAY '9 1994

MATERIAL SAFETY DATA SHEET

TOWER OIL & TECHNOLOGY COMPANY
205 WEST RANDOLPH STREET
CHICAGO, ILLINOIS 60606

Tariff 1515.30.00.00

PRODUCT NAME: TOWER OIL #73
CHEMICAL NAME: N/A
CHEMICAL FAMILY: VEGETABLE OIL
FORMULA: N/A

INFORMATION PHONE: 1-312-346-0562
EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC)

HMIS/NFPA HAZARD

HEALTH:	0
FLAMMABILITY:	1
REACTIVITY:	0

I. PHYSICAL DATA

BOILING POINT:	>450°F
VAPOR PRESSURE:	N/D mm Hg
SOLUBILITY IN WATER:	Negligible
EVAPORATION RATE:	<1 (BA = 1)
SPECIFIC GRAVITY:	0.9 - 1.0 (WATER = 1)
PERCENT VOLATILE BY VOLUME:	Negligible
APPEARANCE:	Clear liquid
ODOR:	Mild
VISCOSITY:	N/D
VAPOR DENSITY:	>1 (AIR = 1)

II. HAZARDOUS INGREDIENTS

MATERIAL	%	ACGIH TLV	OSHA PEL	CAS #
NONE	-	-	-	-

III. FIRE AND EXPLOSION DATA

FLASH POINT: >440°F

FLAMMABLE LIMITS - LOWER: 0.9% UPPER: 7.0%

EXTINGUISHING MEDIA:
Foam, carbon dioxide or sand.

SPECIAL FIRE FIGHTING PROCEDURES:
None.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

IV. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Caustic amines, alkanolamines, inorganic acids.

INCOMPATIBILITY: N/D

HAZARDOUS DECOMPOSITION PRODUCTS:
Unknown, if any.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: N/A

V. HEALTH HAZARD DATA

TLV (THRESHOLD LIMIT VALUE): 5mg/m3 as oil mist in air.

CARCINOGENICITY:
None of the constituents of this product have been identified as possible or proven carcinogens by NTP, IARC, or OSHA.

-EFFECTS OF OVEREXPOSURE-

ACUTE:
Possible slight local irritant.

CHRONIC:
N/D

-EMERGENCY FIRST AID PROCEDURES-

INHALATION: If overcome by fumes from hot product, move to fresh air. Get medical attention.

INGESTION: Do not induce vomiting. Get medical attention.

EYE CONTACT: Flush with water for 15 minutes or until irritation subsides.

SKIN CONTACT: Wash with warm water and mild soap. Remove contaminated clothing.

VI. SPILL AND LEAK PROCEDURES

IF MATERIAL IS RELEASED OR SPILLED:
Employ contract service. Disposal procedure must be in accordance with LOCAL, STATE & FEDERAL REGULATIONS.

WASTE DISPOSAL:
Employ contract service. Disposal procedure must be in accordance with Local, State, and Federal Regulations.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally required.

PROTECTIVE GLOVES: Chemical and oil resistant.

EYE PROTECTION: Splash goggles and/or face shield.

OTHER PROTECTIVE EQUIPMENT:
Not normally required.

-VENTILATION-

LOCAL EXHAUST: N/A
MECHANICAL (GENERAL): N/A

SPECIAL: N/A
OTHER: Normal plant ventilation.

VIII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Keep containers closed when not in use.

PERSONAL HYGIENE - Wash thoroughly before meals and at end of work periods.
Launder or dry-clean soiled clothing before reuse.

IX. ENVIRONMENTAL REGULATIONS/FEDERAL EPA

SARA III (Superfund Amendment and Reauthorization Act of 1986)
40 CFR Part 372 and 40 CFR Part 355

Sections 302, 304 and 40 CFR Part 355 - Extremely Hazardous Substances:

COMPONENT	%	RQ (lbs.)	TPQ (lbs.)	CAS #
NONE	-	-	-	-

Sections 311, 312 and 40 CFR Part 355 - Hazard Categories:

ACUTE (IMMEDIATE HEALTH HAZARD):	YES	FIRE HAZARD:	YES
CHRONIC (DELAYED HEALTH HAZARD):	NO	REACTIVE HAZARD:	NO
SUDDEN PRESSURE RELEASE:	NO		

Section 313 and 40 CFR Part 372 - Toxic Chemicals:

COMPONENT	%	CAS #
NONE	-	-

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act)

Section 102 and 40 CFR Part 302 - Hazardous Substances:

COMPONENT	%	RQ (lbs.)	CAS #
NONE	-	-	-

CLEAN WATER ACT

Under section 311 (b) (4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.
SECTION 311 (b) (4) APPLY TO TOWER OIL #73.

X. STATE RIGHT-TO-KNOW**TSCA (Toxic Substances Control Act) Status**

All components of this formula are included in the TSCA inventory.

HMIS/NFPA HAZARD: 4 = SEVERE 3 = SERIOUS 2 = MODERATE 1 = SLIGHT 0 = MINIMAL

N/D = NOT DETERMINED N/A = NOT APPLICABLE < = LESS THAN > = GREATER THAN

The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct, TOWER OIL & TECHNOLOGY makes no representations as to its accuracy or sufficiency, usage, or the hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of this information under their own operating conditions to determine whether the product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other material in any other process.

TOWER OIL & TECHNOLOGY CO.

November 16, 1993