



TECHNICAL RUBBER COMPANY  
 dba TECH INTERNATIONAL  
 200 EAST COSHOCTON STREET  
 P.O. BOX 486  
 JOHNSTOWN, OHIO 43031  
 (740) 967-9015 (ph.)  
 (740) 967-1039 (fax.)

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EFFECTIVE: 1/21/98  
 SUPERCEDES: 11/8/96  
 PRINTED: 12/2/98  
 MSDS NO.: 722MSD  
 REVISION NO.: 2

**TECH TIRE AND TUBE COMPOUND (incl. LITE)**

**MATERIAL SAFETY DATA SHEET**

**SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

PRODUCT NAME: TECH TIRE AND TUBE COMPOUND (incl. LITE)  
 CATALOG NUMBER(S): 722, 723, 722L, 723L  
 PRODUCT USE: TIRE LUBRICANT

FOR CUSTOMER SERVICE INFORMATION, CONTACT:  
 (740) 967-9015 or (800) 433-8324

EMERGENCY TELEPHONE NUMBER (24 hrs.):  
 CHEMTREC (800) 424-9300

MSDS PREPARED BY:  
 John Gramza, Jr.  
 Regulatory Affairs Director  
 Tech International  
 200 East Coshocton Street  
 Johnstown, OH 43031  
 (740) 967-9015

**SECTION 2. CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS**

INGREDIENT (COMMON NAME)	CAS NO.	% (by vol.)	OSHA PEL	ACGIH TLV	NOTES
Triethanolamine	102-71-6	22	N/E	N/E	1
Oleic Acid	112-80-1	27	N/E	N/E	1

NOTES	
1	N/E = Not Established



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**SECTION 3. PHYSICAL CHARACTERISTICS**

INITIAL BOILING POINT	214 ° F (101° C) @ 760.00 mm Hg
VAPOR PRESSURE	N/A
VAPOR DENSITY (air = 1)	>1
SPECIFIC GRAVITY (water = 1)	>1
EVAPORATION RATE	Slower than ether
pH	8.9
APPEARANCE	Light orange semi-solid
ODOR	Mild surfactant odor

**SECTION 4. FIRE AND EXPLOSION DATA**

FLASH POINT AND METHOD	Non Flammable
LEL	N/E
UEL	N/E
EXTINGUISHING MEDIA	Water, foam, carbon dioxide or dry chemical
SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Carbon monoxide and carbon dioxide may form as a result of heating or burning.

**SECTION 5. REACTIVITY AND STABILITY DATA**

STABILITY	Stable
HAZARDOUS POLYMERIZATION	Cannot occur
INCOMPATIBILITY (materials or conditions to avoid)	Strong oxidizers, strong acids
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon dioxide, carbon monoxide, various hydrocarbons



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**SECTION 6. HEALTH HAZARD INFORMATION**

EYE CONTACT	Exposure to product may cause eye irritation. Symptoms include stinging, tearing, redness and swelling.
INHALATION	Not a normal route of entry.
INGESTION	Single dose oral toxicity is low. Symptoms may include: gastrointestinal irritation (nausea, vomiting, diarrhea).
SKIN CONTACT	Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry skin. Symptoms include: redness, burning, drying, cracking and skin burns.
TARGET ORGANS EFFECTED	CNS, liver, kidneys, skin, eyes

**CARCINOGENICITY - LISTED BY:**

ACGIH	No	IARC	No	NTP	No	OSHA	No
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**SECTION 7 EMERGENCY AND FIRST AID INFORMATION**

EYE CONTACT	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes with water for at least 15 minutes while holding eyelids apart. If symptoms persist, seek medical attention.
INHALATION	Not a normal route of entry.
INGESTION	If swallowed, drink two large glasses of water to induce vomiting. Seek medical attention.
SKIN CONTACT	Wash exposed area with soap and water. If symptoms persist, seek medical attention.



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**SECTION 8. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES**

<b>EYE PROTECTION</b>	Chemical splash goggles in compliance with OSHA regulations are advised, however OSHA regulations also permit other types of safety glasses. Consult your safety equipment representative.
<b>RESPIRATORY PROTECTION</b>	None should be required during normal use.
<b>SKIN PROTECTION</b>	Wear resistant gloves, such as: polyvinyl alcohol, nitrile
<b>ENGINEERING CONTROLS</b>	Provide sufficient mechanical (general or local exhaust) ventilation to maintain exposure below TLV(s). Explosion-proof ventilation system is acceptable.
<b>OTHER HYGIENIC AND WORK PRACTICES</b>	Use good personal hygiene work practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before reuse.

**SECTION 9. SPILL OR RELEASE PROCEDURES**

<b>SMALL SPILL</b>	Absorb material with paper, vermiculite, floor absorbant, or other absorbing material. Transfer into approved container for disposal.
<b>LARGE SPILL</b>	Dike area of spill to prevent spreading. Absorb with appropriate materials. Transfer into approved containers for disposal. Toxic to fish. Do not dump into natural waterways.

**SECTION 10. DISPOSAL CONSIDERATIONS**

Disposal of material should be done in accordance with all Federal (40 CFR Part 261), State and Local environmental control regulations.



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**SECTION 11. TRANSPORTATION INFORMATION**

DOT PROPER SHIPPING NAME (49 CFR 172.101)	Not D.O.T. regulated
HAZARD CLASS (DOT, IATA)	N/A
HAZARD CLASS (IMO)	N/A
ID NUMBER	N/A
PACKING GROUP	N/A
ADDITIONAL DESCRIPTION	N/A
LABELS REQUIRED	N/A
EMERGENCY RESPONSE GUIDEBOOK NO.	N/A
1996 NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER	N/A
Ems NUMBER	N/A
MFAG TABLE NO.	N/A
REPORTABLE QUANTITY (DOT)	N/A

**SECTION 12. OTHER REGULATORY INFORMATION**

This product contains the following toxic substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (Emergency Planning and Community Right-To-Know Act) of 1986 and of 40 CFR Part 372:

CHEMICAL	CAS NO.	% COMPOSITION (by vol.)
Triethanolamine	102-71-6	22
Oleic Acid	112-80-1	27

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 Chemical Substance Inventory List (40 CFR Part 710).



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**SECTION 13. NFPA RATINGS**

HEALTH	1	FLAMMABILITY	0	REACTIVITY	0
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**SECTION 14. ADDITIONAL INFORMATION**

Keep from freezing. Store in safe areas at room temperature. Do not incinerate containers.

The information contained herein is information received from our raw material suppliers and other sources believed to be reliable. This data is not warranted whether originating with Tech International, or not. Recipients are advised to confirm in advance of the need that the information is current, applicable and suitable to their circumstances. It is the responsibility of the user to comply with all applicable Federal, State and Local laws and regulations.

This MSDS complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200).