

TECH TIRE AND TUBE COMPOUND (INCL. LITE)

Product: 722

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Tech international
 200 East Coshocton Street
 P.O. Box 486
 Johnstown, Ohio 43031.

Manufacturer emergency phone number: Chemtrec 800-424-9300.
 703-527-3887.

Supplier: Same as manufacturer.

Product name: Tech Tire and Tube Compound (includes Lite)

Product uses: Tire lubricant.

Catalog number(s): 722, 723, 722L, 723L

Effective date: 2010/02/23

Revision No.: 6

Last review: 2010/02/23

Chemical family: Mixture.

HMIS
H 1
F 0
R 0
PPE Sec. 8

NFPA:



Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration% wgt/wgt	Ingredient Name	ACGIH-TLV TWA	LD/50	LC/50
102-71-6	20 - 23	TRIETHANOLAMINE	5 MG/M3	4920 UL/KG RAT ORAL 5846 MG/KG MOUSE ORAL 2200 MG/KG RABBIT ORAL > 20 ML/KG RABBIT DERMAL > 16 ML/KG RAT DERMAL	NOT AVAILABLE
112-80-1	27 - 30	OLEIC ACID	NOT AVAILABLE	25,000 MG/KG RAT ORAL 28,000 MG/KG MOUSE ORAL	NOT AVAILABLE

Section 3 : HAZARD IDENTIFICATION

Route of entry: Skin contact, eye contact, ingestion.

Effects of acute exposure

Eye contact: May cause mild irritation.
May cause redness and tearing.
May cause stinging.
May cause swelling.

Skin contact: May cause cracking.
May cause mild irritation.
Prolonged contact may cause dryness, redness, burning and skin burns.

Inhalation: Not a likely route of exposure.

Ingestion: Low oral toxicity.
May cause gastro-intestinal irritation.
May cause nausea, vomiting and diarrhea.

Effects of chronic exposure: May affect the central nervous system.
May affect the liver and the kidneys.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash with mild soap and water.
Consult a physician if irritation persists.

Eye contact: Flush eyes with clear, running water for 20 minutes while holding eyelids open. If irritation persists, consult a physician.

Inhalation: No first aid should be needed.
If irritation occurs, consult a physician.

Ingestion: Obtain medical attention.
Induce vomiting by giving two glasses of water.
Never give anything by mouth to an unconscious person.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Not flammable.

Conditions of flammability: Surrounding fire.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature: Not available.

Flash point (°C), method: Not applicable.

Lower flammability limit (% vol): Not available.

Upper flammability limit (% vol): Not available.

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: Carbon monoxide (CO).
Carbon dioxide (CO₂).

Rate of burning: Not available.

Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Absorb with inert material.
Dike area to prevent spreading.
Prevent entry into drains, sewers, and other waterways.
Ventilate area.
Wear appropriate protective equipment.
Place in appropriate container for disposal.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Maintain a good personal hygiene.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Avoid contact with eyes.
Avoid breathing vapor, fumes or mist.
Launder contaminated clothing prior to reuse.

Storage requirements: Store at room temperature.
Keep from freezing.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Polyvinyl alcohol gloves.
Nitrile gloves.

Respiratory/Type: None required under normal use.

Footwear/Type: As per local regulations.

Clothing/Type: Normal work clothes.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Explosion proof ventilation should be used.
Local exhaust and/or general ventilation.
To maintain exposure below TLV.

Exposure limit of material: Not available for mixture, see the ingredients section.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Semi-solid.
- Appearance & odor:** Light orange.
Mild surfactant odor.
- Odor threshold (ppm):** Not available.
- Vapour pressure (mmHg):** 246.6 @ 68°F (20°C)
- Vapour density (air=1):** > 1
- Volatiles (%)**
- By volume:** 22.4%
- Evaporation rate (butyl acetate = 1):** Slower than ether.
- Boiling point (°C):** (@ 760 mmHg).
214°F (101°C)
- Freezing point (°C):** Not available.
- pH:** 8.9
- Specific gravity @ 20 °C:** (water = 1).
> 1
- Solubility in water (%):** Not available.
- Coefficient of water\oil dist.:** Not available.
- VOC:** Not available.

Section 10 : STABILITY AND REACTIVITY

- Chemical stability:** Product is stable.
- Conditions of instability:** None known.
- Hazardous polymerization:** Will not occur.
- Incompatible substances:** Strong acids.
Strong oxidizing agents.
- Hazardous decomposition products:** See hazardous combustion products.
Various hydrocarbons.

Section 11 : TOXICOLOGICAL INFORMATION

- LD50 of product, species & route:** Not available for mixture, see the ingredients section.
- LC50 of product, species & route:** Not available.
- Sensitization to product:** Not available.
- Reproductive effects:** Not available.
- Teratogenicity:** Not available.
- Mutagenicity:** Not available.
- Synergistic materials:** Not available.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.
Do not incinerate closed containers.

Section 14 : TRANSPORT INFORMATION

ADR CLASSIFICATION: Not regulated.

Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION

EU Regulatory Information

European Union (EU) Regulatory Information: EU labeling not required.

EU Risks: R36/38: Irritating to eyes and skin.

EU Safety: S25: Avoid contact with eyes.

EINECS#: CAS# 102-71-6 – EINECS# 203-049-8.
CAS# 112-80-1 – EINECS# 204-007-1.

EU Classification: Not applicable.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2003/04/01

Data prepared by: Global Safety Management
3340 Peachtree Road, #1800
Atlanta, GA 30326

Phone: 877-683-7460

Fax: (877) 683-7462

Web: www.globalsafetynet.com

Email: info@globalsafetynet.com.

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