



Where Chemistry & Creativity Meet™

P50649

SAFETY DATA SHEET

Product Name: Tech Lube 175-2

Section 1: Chemical Product and Company Identification

Product Identifier: Tech Lube 175-2
Generic Description: Proprietary Mixture of Phthalate Esters, Fatty Acid Amides, and Additives

Recommended Use: Internal Mold Release

Manufacturer: Technick Products
238 St. Nicholas Ave.
South Plainfield, NJ 07080

Phone/FAX: Phone: 1 (908) 791-0400
Fax: 1 (908) 791-9991

Emergency Phone: 1 (908) 791-0400

NFPA: Health-1 Flammability-0 Reactivity-0

Section 2: Hazards Identification

Classification by Regulation (EC) No. 1272/2008 and GHS:

Eye Damage/Irritation: Not Classified
Skin Corrosion/Irritation: Not Classified

Signal Word: None

GHS Pictograms: None

Hazard Statement(s): None

OSHA Hazards Communication Standard: This product is not a hazardous chemical as defined in 29 CFR 1910.1200.

Hazards Overview: May cause eye irritation.
May cause skin irritation.
Vapors from processing at elevated temperatures may irritate upper respiratory tract.

Tech Lube 175-2

Section 3: Composition/Information on Ingredients

Chemical Name: Mixture of Phthalate Esters, Fatty Acid Amides, and Additives

Components: (Non-Hazardous)			
Chemical Name:	CAS No.: EC No.:	Classification (Regulation (EC) No. 1272/2008):	Concentration [%]
Phthalate Esters (C10 to C18)	Trade Secret	Not Classified	60 to 90%
Mixture of Fatty Acid Amides	Trade Secret	Not Classified	10 to 30%
Anti-Corrosive Additive	Trade Secret	Not Classified	1 to 5%

Section 4: First Aid Measures

Routes of Exposure: Eyes, Skin, Inhalation

Inhalation: Move to well-ventilated area.

Skin Contact: Cold product – Wash with mild soap and water. If irritation occurs, seek medical attention.
Hot product – Flush immediately with clean, cold water. Get medical attention.

Eye Contact: Immediately flush with water for at least 15 minutes.
Get medical attention.

Ingestion: Do not induce vomiting.
If victim is conscious and able to swallow, give milk or water to dilute. Do not give sodium bicarbonate, vinegar or fruit juices.
Never give anything by mouth if victim is unconscious or having convulsions.
Get medical attention.

Delayed Effects: See Section 11.

Section 5: Fire-Fighting Measures

Extinguishing Media: Water spray, dry chemical, foam, or carbon dioxide.

Unusual Fire Hazards: Containers may rupture during fire.
Handle as oil fire. Direct water stream may spread fire.

Fire Fighting Procedures: Self-contained breathing apparatus and full protective gear should be used.
Use water spray to keep fire exposed containers cool.

Section 6: Accidental Release Measures

Personal Precautions, protective equipment, and emergency procedures	Isolate spill area. Potential slip hazard. Avoid contact with skin, eyes, and clothing. Safety glasses and impermeable gloves should be worn.
Environmental Precautions:	Contain spill. Prevent from entering sewers, soil, or waterways.
Methods and material for containment and clean-up:	Use non-combustible absorbent.
Small Spill or Leak:	Contain material and dispose-of properly.
Large Spill or Leak:	Stop spill if safe to do so. Contain material by diking area around spill. Pick-up and dispose-of properly.

Section 7: Handling and Storage

Precautions for safe handling:	Avoid contact with eyes and skin. Keep food, drink, and tobacco products out of production areas. Wash thoroughly after handling. Avoid water contamination.
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed. Store in a cool, dry, well ventilated location. Keep from heat. Avoid freezing. Ground all equipment.

Section 8: Exposure Controls/Personal Protection

Exposure Limits:		
Component:	Reference	Value
Phthalate Esters:	Not Established	Not Established
Engineering Controls:	Heated product at or near processing temperatures requires local exhaust ventilation, or other engineering controls, to reduce exposure to vapors.	

Section 8: Exposure Controls/Personal Protection (Continued)

Exposure Controls	Ensure adequate ventilation
Personal Protective Equipment:	
Respiratory	Use NIOSH approved air purifying respirator if exposed to elevated levels.
Eye Protection:	Chemical Goggles. Face shield recommended.
Skin:	Impervious gloves. Apron recommended. Coveralls and chemical-resistant shoes. Thermally insulated gloves required when handling hot material.
General Safety and hygiene measures	Eye wash and safety shower in work areas. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. No food in work areas.

Section 9: Physical and Chemical Properties

(Not a product specification.)

Physical Form:	Liquid
Color:	<1 Gardner
Odor:	Slight
Odor Threshold:	Not Determined
Melting Point:	Not Determined
Boiling Point:	Not Determined
Flash Point (Closed Cup, ASTM D-93-90):	182° C (360° F)
Evaporation Rate:	Not Determined
Lower Flammability Limit:	Not Determined
Upper Flammability Limit:	Not Determined
Vapor Pressure @ 25°C:	Negligible
Vapor Density:	Not Determined
Specific Gravity @ 25°C:	0.94 to 0.96
Solubility in Water:	Dispersible
Partition Coefficient n-octanol/water:	Not Determined
Auto ignition Temperature:	Not Determined
Thermal Decomposition:	Not Determined
Viscosity:	Not Determined
Percent Volatile	Negligible
pH:	3 to 5

Section 10: Stability and Reactivity

Chemical Stability:	Stable
Hazardous Reactions	Will not occur
Conditions to avoid:	Elevated Temperatures
Incompatible Materials:	Oxidizing Agents, strong acids, strong bases
Hazardous Decomposition Products:	Smoke, fumes, carbon monoxide, and carbon dioxide, a negligible amount may decompose into aldehydes and ketones

Section 11: Toxicological Information

Routes of Exposure:	Skin, Eyes, Inhalation
Symptoms of Overexposure:	Ingestion may cause diarrhea, nausea, or vomiting. Watering, redness and stinging eyes. Itching skin and redness.
Acute Effects:	May cause eye irritation. May cause skin irritation. Vapors from processing at elevated temperatures may irritate upper respiratory tract. Ingestion may cause gastric distress.
Chronic Effects:	None Known
Acute Toxicity:	Not Determined.
Dermal Toxicity:	Not Determined
Inhalation Toxicity:	Not Determined
Respiratory Irritation:	Not Classified. May cause respiratory irritation at elevated temperatures and concentrations
Eye Damage/Irritation:	Not Classified. May cause eye irritation.
Skin Corrosion/Irritation:	Not Classified. May cause skin irritation.
Carcinogenicity:	None Known
Aspiration Hazard:	Not Classified, May be aspiration hazard.
Other Information:	Heating above 1700° C with reducing agents may release metal fumes, possible causing metal fume fever.
Medical Conditions Aggravated by Exposure:	Eye, skin, and respiratory disorders

Section 12: Ecological Information

Ecotoxicity:	Not Determined
Persistence and Degradability:	Not Determined
Bioaccumulative Potential:	Not Determined
Mobility in Soil:	Not Determined
Other Effects:	Dispersible in water.

Section 13: Disposal Considerations

Do not dump into sewers, on the ground or into any body of water. If disposed, this product is not a hazardous waste. Consult local, state, and federal regulations before disposing of this material.

Section 14: Transportation Information

UN Number:	Non-Regulated
Proper Shipping Name:	Non-Regulated
Hazard Class:	Non-Regulated
Packing Group:	Non-Regulated
IATA:	Non-Regulated
Marine Pollutant:	None Known

Section 15: Regulatory Information

TSCA Status All chemical substances in this material are included on or exempt.

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances None Known

Section 304 CERCLA Hazardous Substances None Known

Section 312 Hazard Class:

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals: None Known

California Proposition 65: None Known. This product is not known to contain substances listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects, or other reproductive harm.

New Jersey Right-to-Know List: None Known

Europe: Listed or Exempt

Section 16: Other Information

Prepared by: **Technick Products, Inc.**

30-Mar-16

The information is offered in good faith and not as product specifications, and is believed to be correct as of the date issued. No warranties, expressed or implied, are hereby made by Technick Products. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Not for medical use.