

TECH LINE Coatings

SAFETY DATA SHEET

Section 1 – Identification

Product Identifier: UltraGuard

Part Number: TLC-2

Recommended Use: Oil additive for friction reduction

Restrictions on Use:

Manufacturer / Supplier:

Keep out of reach of children.

Tech Line Coatings, Inc

Not recommended for use on Medical equipment.

26844 ADAMS AVE.

Not recommended for use on Aviation equipment.

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Section 2 – Hazards Identification

Signal Word:

Warning



Symbols:

Hazard Statements: May cause respiratory irritation.	GHS Classification: Acute toxicity, Inhalation	Category 4
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Precautionary Statements:

Avoid breathing mist / vapors / spray. Use only outdoors or in a well-ventilated area.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center / doctor if you feel unwell.

Dispose of contents / containers in accordance with local regulations. (See Section 13)

Section 3 – Composition / Information On Ingredients

Component Name	Common Name / Synonyms	CAS#	% of Weight
Petroleum Oil		64741-88-4	> 15%
Mineral Oil		64742-65-0	> 2%
Molybdenum Disulfide		1317-33-5	Trade Secret

Other ingredients are not hazardous based on OSHA standard Section 29 CFR 1910.1200

Section 4 – First Aid Measures

General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water, and remove contaminated clothing shoes and leather goods under running water.

Consult a physician if irritation persists. Launder any contaminated clothing before reuse or discard.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measures

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	Special Fire Fighting Procedures: Wear self contained breathing apparatus for fire fighting if necessary.
Unusual Fire And Explosion Hazards: Hazardous decomposition products formed under extreme fire conditions. - Carbon and other oxides	Additional Information: Use water spray to cool unopened containers.

Section 6 – Accidental Release Measures

Methods for Containment and Clean Up

- Soak up with inert absorbent material.
- Keep in suitable, marked and closed containers for disposal.
- Warn other workers of spill.
- Wear protective equipment
- NIOSH Approved Respirator
- Gloves
- Safety Glasses
- Do not allow material to be released into the environment.

Additional Information:

- See Section 7 for safe handling information.
- See Section 8 for PPE information
- See Section 13 for disposal information

Section 7 – Handling And Storage

Handling:

Do not breathe vapors or mists from spraying. Avoid contact with skin and eyes. Use with adequate ventilation to maintain exposure levels below established exposure limits. Wear personal protective equipment. If required wear an appropriate NIOSH approved respirator with paint prefilter. Use explosion-proof equipment. Do not get in eyes, on skin, or on clothing. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. Take precautionary measures against static discharges. No smoking.

Storage:

Store in area suitable for flammable liquids. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8 – Exposure Controls And Personal Protection

Component	ACGIH TLV	OSHA PEL	
Petroleum Oil	(Mist)5 MG/M3	(Mist)5 MG/M3	
Mineral Oil	(Mist)5 MG/M3	(Mist)5 MG/M3	
Molybdenum Disulfide	10 mg / m3	15 mg / m3	

Engineering Controls: Exhaust ventilation.
Showers
Eyewash stations
Use in a well-ventilated area.

Respiratory Protection: Use NIOSH Approved Respirator when risk assessment shows air – purifying respirators are appropriate. Use multipurpose combination respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Protective Gloves: Chemical Resistant
Eye Protection: Face shield and Safety Glasses With Side Shields Or Goggles
Other Protective Equipment: Wear Protective Clothing, Chemical Resistant Or Other Protective Outerwear, Avoid Contact With Skin Or Eyes. Use flame retardant antistatic protective clothing.
Ventilation: Local Exhaust: Use To Maintain Below TWA Limits
Mechanical: Use Non-Sparking Equipment
Work / Hygienic Practices: wash thoroughly after handling product and before eating, drinking or smoking

Section 9 – Physical And Chemical Properties

Form :	liquid
Color :	Dark gray
Odor :	Not established
Odor Threshold:	Not Established
pH :	Not Established
Melting point/range :	Not Established
Initial boiling point :	Not Established
Flash point :	> 250° F.
Evaporation Rate:	Not Established
Upper/lower flammability or explosive limits:	Not Established
Vapor pressure	Not Established
Vapor density	Not Established
Relative density	Not Established
Solubility(ies)	Water: Nil
Partition coefficient: n-octanol/water	Not Established
Auto-ignition temperature	Not Established
Decomposition temperature	Not Established
Viscosity	Not Established
Total VOC	0 g/l

Section 10 – Stability And Reactivity

Stability:	STABLE
Materials to avoid:	Strong oxidizing agents
Hazardous Polymerization:	Will not occur.
Conditions to avoid:	Not established

Hazardous Decomposition Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon and other oxides

Section 11 – Toxicological Information

Acute Toxicity

Petroleum Oil	Oral LD50	no data available
	Inhalation LC50	no data available
	Dermal LD50	no data available
Mineral Oil	Oral LD50	no data available
	Inhalation LC50	no data available
	Dermal LD50	no data available
Molybdenum Disulfide	Oral LD50	no data available
	Inhalation LC50	LC50 Inhalation - rat - 4 h - > 2,820 mg/m3 Remarks: Lungs, Thorax, or Respiration:Other changes.
	Dermal LD50	no data available

Skin Corrosion/Irritation

No data available

Serious Eye Damage/Eye Irritation No data available

Respiratory Or Skin Sensitization

No data available

Germ Cell Mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

This product contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

Reproductive Toxicity

No data available

Specific Target Organ Toxicity Single Exposure No data available

Specific Target Organ Toxicity Repeated Or Prolonged Exposure No data available

Aspiration Hazard

No data available

Potential Health Effects

Inhalation From Vapors or Mists, Toxic if inhaled. Causes respiratory tract irritation.
Ingestion May be harmful if swallowed.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes Causes eye irritation.

Section 12 – Ecological Information

General Comments:

Do not allow material to be released into the environment without proper governmental permits

Environmental Toxicity:

No data available

Section 13 – Disposal Considerations

Waste Disposal Method:

Product :

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging
Dispose of as unused product.

Section 14 – Transportation Information

Hazardous for Shipping: No

Section 15 – Regulations

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: All hazardous ingredients are on the TSCA Chemical Substance Inventory.

Component	SARA 302	SARA 311 / 312	SARA 313	Massachusetts RTK	Pennsylvania RTK	New Jersey RTK	California Prop 65 list
Molybdenum Disulfide	No	No	No	Yes	Yes	Yes	No

SARA 311 / 312 Hazards:

Section 16 – Other Information

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