

**CONFIDENTIAL**

Please restrict the use to your internal company requirements.

Material Safety Data Sheet**EL DEAD WEIGHT TESTER FLUID-22****NFPA**

Health	0
Flammability	1
Reactivity	0
Protective Equipment	ABC

Section 1 – Chemical Product and Company Identification

Engineered Lubricants Co.
11525 Rock Island Court
Maryland Heights, MO 63043-3597

Emergency Phone Numbers
Engineered Lubricants: 314-872-9540
Transportation Emergencies: Chemtrec: 1-800-424-9300
After Hours Medical Emergencies: 1-800-876-0008 Ext. 3068

Product Description: Petroleum Hydrocarbon Oil Blend

Section 2 – Composition / Information on Ingredients

Hazardous Components Per 40 CFR Parts 302.4, 355.5, & 372.65	CAS #	% Vol	Exposure Limits		Carcinogen		
			ACGIH TLV	OSHA PEL	NTP	IARC	OSHA
None							

Balance of Components: Trade Secret			N/E	N/E	N	N	N
Other Exposure Limits: Oil Mist			5mg/M ³	5mg/M ³			
Distillates (petroleum), solvent dewaxed heavy paraffinic	64742-65-0	60-100	5mg/M ³	500ppm			
Distillates, petroleum, solvent dewaxed light paraffinic	64742-56-9	60-100	5mg/M ³	5mg/M ³			

EPA SARA Title III Section 313 (40CFR 372) Toxic Chemicals Above De Minimis Levels: None

Hazard Categories (29CFR 1910.1200): **Health:** Acute **Physical:** None

The exact chemical identity of this product may be withheld as a **Trade Secret** in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200(i). In a medical emergency, health professionals may obtain identity by calling 1-800-876-0008 Ext. 3068.

N/E = Not Established N/A = Not Applicable N/D = No Data/Not Determined C = Ceiling (Sk) = Skin

Section 3 – Hazards Identification**Potential Health Effects**

Skin Contact: Prolonged or repeated contact may clog pores of the skin resulting in disorders such as oil acne/folliculitis. May aggravate preexisting skin disorders.

Eye Contact: May cause slight irritation.

Inhalation: Under normal conditions of use, this is not expected to be a primary route of exposure.

Ingestion: Low Toxicity if swallowed. May result in nausea, vomiting, and/or diarrhoea.

Other Info: Used oil may contain harmful impurities.

Section 4 – First Aid Measures**Emergency and First Aid Procedures**

Skin Contact: Wash thoroughly with soap and water. If persistent irritation occurs, get medical attention. Wash contaminated clothing before reuse.

Eye Contact: Flush with running water for at least 15 minutes. If persistent irritation occurs, get medical attention.

Inhalation: Move to fresh air. If symptoms persist, obtain medical advice.

Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities are ingested. Get medical attention.

Section 5 – Fire-Fighting Measures

Flash Point °F: 354

Method Used: COC

Extinguishing Media: Dry Chemical, Foam, CO₂. Do not use a direct stream of water.

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing gear.

Unusual Fire & Explosion Hazards: Closed containers may rupture if exposed to intense heat.

Section 6 – Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Ventilate area. Do not allow to enter waterways and sewers. Wear appropriate protective equipment. Pick up free liquid for recycle and/or disposal. Collect remaining product with inert absorbent material for disposal.

Section 7 – Handling and Storage

Handling: Avoid prolonged or repeated contact with skin. Avoid inhaling vapor/mists. When handling product in drums, safety footwear should be worn and proper handling equipment used.

Storage: Keep container tightly closed and in a cool, well-ventilated place. Do not store above 120F. Do not flame cut, braze, or weld containers (empty, part full or full).

Section 8 – Exposure Controls / Personal Protection

Eye: Where there is significant potential for eye contact, wear chemical goggles and have eye flushing equipment available.

Skin: Protective gloves and clothing are recommended.

Respiratory: Required if discomfort is experienced or if vapor levels are in excess of exposure limits (See Sec. 2). Follow OSHA respirator regulations (29 CFR 1910-134).

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below exposure limits (See Sec. 2).

Other Protective Equipment: If splash is unavoidable, wear appropriate impervious clothing.

Section 9 – Physical and Chemical Properties

Color:	Clear Light Brown	Physical State:	Liquid
Odor:	Mild	% Volatile By Vol.:	N/D
SpG 60°F:	0.88	Solubility in Water:	Negligible
Lb/Gal:	7.33	Boiling Point °F:	>536

Physical data are typical values based on material tested but may vary from batch to batch.

Section 10 – Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Extremes of temperatures and direct sunlight		
Incompatibility:	Strong Oxidizing Agents		
Decomposition Products:	Oxides of Carbon and other products of incomplete combustion.		

Section 11 – Toxicological Information

Basis for Assessment:	Information given is based on data on the components and the toxicology of similar products.
Acute Oral Toxicity:	Expected to be of low toxicity: LD50>5000mg/kg, Rat
Acute Dermal Toxicity:	Expected to be of low toxicity: LD50>5000mg/kg, Rabbit
Acute Inhalation Toxicity:	Not considered to be an inhalation hazard under normal conditions of use.
Sensitization:	Not expected to be a skin sensitizer.
Mutagenicity:	Not considered a mutagenic hazard.
Carcinogenicity:	Product contains mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Other components are not known to be associated with carcinogenic effects.

Section 12 – Ecological Information

Data has not been determined for this product.

Section 13 – Disposal Considerations

Material Disposal: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

Waste Disposal Method: According to local, state, and federal regulations.

Section 14 – Transport Information

US Department of Transportation Classification:

Not regulated.

International Air Transport Association:

Not regulated.

International Maritime Organization Classification:

Not regulated.

Section 15 – Regulatory Information

Toxic Substances Control Act (TSCA) Status: All components listed.

Sara Hazard Categories (311-312): No Hazards

California (Prop 65): This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16 – Other Information

Date Prepared: 1/5/10 (Supersedes 11/13/09)

Code: 1533QTGE

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