



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							

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

**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, CO<sub>2</sub>. 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.

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## Section 6 – Accidental Release Measures

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**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.

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## Section 7 – Handling and Storage

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**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).

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## Section 8 – Exposure Controls / Personal Protection

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**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.

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## Section 9 – Physical and Chemical Properties

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**Color:** Clear Light Brown

**Odor:** Mild

**SpG 60°F:** 0.88

**Lb/Gal:** 7.33

**Physical State:** Liquid

**% Volatile By Vol.:** N/D

**Solubility in Water:** Negligible

**Boiling Point °F:** >536

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

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## Section 10 – Stability and Reactivity

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**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.

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## Section 11 – Toxicological Information

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**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.

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## Section 12 – Ecological Information

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Data has not been determined for this product.

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## Section 13 – Disposal Considerations

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**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.

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## Section 14 – Transport Information

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**US Department of Transportation Classification:**

Not regulated.

**International Air Transport Association:**

Not regulated.

**International Maritime Organization Classification:**

Not regulated.

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## Section 15 – Regulatory Information

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**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.

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## Section 16 – Other Information

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

**Code:** 1533QTGE

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