

## Howes Lubricator 70/30 and Winter Treat Plus

### Section 1: MANUFACTURER/PREPARER INFORMATION & HAZARD WARNINGS

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### WHMIS HAZARD SYMBOLS & DEFINITIONS



Class D-2: Poisonous & infectious material, other toxic effects

### Section 2: HEALTH HAZARD DATA

#### ROUTES OF ENTRY/SIGNS & SYMPTOMS OF ACUTE EXPOSURE:

**EYES:** Eyes may become red and irritated. **SKIN:** Skin may become red and irritated. **INHALATION:** Air passages may become red and irritated. **INGESTION:** Harmful or fatal if not treated. Ingestion may cause cramps and nausea.

**Chronic Effects:** N/R. **Carcinogenicity:** None listed as a carcinogen by IARC and the State of California. **Conditions Aggravated by Exposure:** Respiratory diseases such as asthma. Cuts, rashes or similar skin diseases may be adversely affected by prolonged or repeated exposure.

#### EMERGENCY & FIRST AID PROCEDURES:

**EYES:** Flush with water for 15 minutes or until irritation subsides. **SKIN:** Wash with soap and water. **INHALATION:** Remove to fresh air. **INGESTION:** DO NOT INDUCE VOMITING. Water may be given slowly. Contact physician immediately. **Additionally:** In all cases, if symptoms persist, contact physician.

### Section 3: PREVENTATIVE MEASURES

**Respiratory Protection:** Not normally needed.

**Ventilation:** As necessary to keep TLV below 5 mg/m<sup>3</sup>.

**Gloves:** If needed to avoid prolonged contact. **Eye Protection:** Splash goggles to avoid contact. **Other Protective Equipment:** Not normally needed. Apron could be used to avoid contact with clothing.

**Work/Hygienic Practices:** Accepted practices aimed at minimizing contact.

**Handling and Storing:** Keep containers closed when not in use. Do not handle near heat, sparks, flame or strong oxidants.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

N/A=Not Applicable. N/E=Not Evaluated/Established. N/R=Not Reported by Manufacturer.

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**Section 4: HAZARDOUS COMPONENTS & EXPOSURE LIMITS**

Hazardous Component Name	CAS #	OSHA PEL	ACGIH-TLV	Other Limit	% Wt
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	5 mg/m3	5 mg/m3	10 mg/m3 STEL	N/R
Heavy Aromatic Naphtha	64742-94-5	N/R	N/R	N/R	N/R
Severely Refined Petroleum	64742-01-4	N/R	N/R	N/R	N/R
Hydrotreated Petroleum Distillate	64742-47-8	N/R	N/R	N/R	N/R
Naphthalene	91-20-3	N/R	N/R	N/R	N/R

§ indicates a toxic chemical subject to the reporting requirements of SARA Title III, Section 313.

† indicates a chemical known to the State of California to cause cancer, birth defects or other reproductive harm per Proposition 65.

**Section 5: PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	342°F/172°C	<b>Specific Gravity:</b>	<0.9
<b>Vapor Pressure:</b>	<0.1 mmHg	<b>Percent Volatile:</b>	Negligible
<b>Vapor Density (Air=1):</b>	>1	<b>Evaporation Rate:</b>	0.01
<b>Solubility in Water:</b>	Nil	<b>pH:</b>	N/A
<b>Appearance/Odor:</b>	Light amber liquid/Distinctive odor		

**Section 6: FIRE & EXPLOSION HAZARD DATA**

**Flash Point (Method):** 205°F/96°C (TOC ASTM D-1310) **Flammable Limits. LELN/E** **UEL:** N/E

**Extinguishing Media:** Foam, Dry Chem, CO2, Water Fog or Spray.

**Special Firefighting Procedures:** Use air-supplied breathing apparatus for enclosed areas. Avoid breathing vapor or fumes. Cool exposed containers with water spray.

**Unusual Fire and Explosion Hazards:** N/A

**Section 7: REACTIVITY DATA**

**Stability:** Stable. **Hazardous Polymerization:** Will not occur. **Conditions to Avoid:** Excessive heat. **Incompatibility:** Strong oxidants like liquid chlorine or concentrated oxygen. **Hazardous Decomposition Products:** CO2, CO. Smoke: asphyxiants when burning.

**Section 8: SPILLS, DISPOSAL & ADDITIONAL INFORMATION**

**Spill/Leak Procedures:** Recover free liquid. Use oil absorbents to clean up trace amounts. Prevent contamination of sewers and open water courses.

**Waste Disposal:** Dispose in accordance with all applicable local, state and federal regulations.

**Additional Information:** None reported.

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