# MATERIAL SAFETY DATA SHEET

## MATERIAL IDENTIFICATION

**Common name:** TopSaver™

**Chemical families:** Aliphatic Hydrocarbon cas # 64742-48-9

**Hazardous components:** The components in this mixture are regulated as being hazardous by OSHA under 29 CFR Part 1910: Combustible. DOT: N.O.S Combustible liquid. In containers less than 119 gallons this product is not regulated by DOT as combustible.

**Manufacturer:** Empire Manufacturing Inc.
336 Bon Air Center, # 109
Greenbrae, Ca 94904

**Phone/fax number:** (707) 837-9258 / 707-837-9373 (medical, transport, and general information)

## PHYSICAL DATA

**Boiling point:** 100 degrees centigrade

**Vapor pressure:** 1.73 mmHg at 68 degrees F.

**Specific gravity:** 0.75

**Solubility in water:** Not Soluble

**Appearance:** Brown amber solution

## HAZARDOUS REACTIVITY

**Stability:** Material is stable.

**Incompatibility:** Incompatible with strong oxidizing agents

**Decomposition:** Toxic byproducts of combustion (carbon monoxide & carbon dioxide) May be emitted during fire

**Polymerization:** Will not occur.
FIRE AND EXPLOSION DATA

**Flash point:** 107 Deg F Method TCC ASTM D56  
**Autoignition:** 689 deg F

**Flammable limits:** LEL: 07uel: 5.6 @77 deg F.  
**Autodecomposition:** Not determined

**Extinguishing media:** Water spray, foam, dry chemical, and carbon dioxide.

**Special fire fighting procedures:** None

HEALTH HAZARD INFORMATION

**Ingestion:** If swallowed Do Not induce vomiting keep at rest. Get prompt medical attention.

**Skin contact:** Flush with soap and water, remove grossly contaminated clothing. Launder before use.

**Eye contact:** Mixture may cause mild eye irritation, flush with water until irritation subsides.

**Carcinogenicity:** None of the components in this mixture are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

**Medical conditions aggravated by overexposure:** None

FIRST AID

**Ingestion:** Do not induce vomiting due to the hazard of aspirating the material into the lungs is considered a greater danger than swallowing the material. Get prompt medical attention.

**Skin contact:** Wash skin with soap and water.

**Inhalation:** If any negative symptoms develop, remove to fresh air immediately.

**Eye contact:** Immediately flush eyes with water for 15 minutes.
SAFETY AND PROTECTION INFORMATION

Respiratory protection: None expected to be needed. However, where misting may occur, wear adequate respiratory protection.

Ventilation: General room ventilation is expected to be satisfactory. Local exhaust may be necessary if product is vented.

Protective gloves: Not required

Precautions for handling and storage: Store in a cool location (60-90 degrees F) away from sunlight and sources of heat. Keep container tightly closed when not in use.

Eye Protection: When misting or splashing occurs.

DISPOSAL INFORMATION

Spill, leak or release: Wear protective equipment. Floor may be slippery; use caution to avoid falling. Contain spills immediately using inert absorbent materials. Avoid discharge into natural waters. Transfer liquids and solid diking materials to suitable containers for recovery and disposal.

Waste Disposal: Recover into approved containers or remove to permitted waste disposal facility. Comply with Federal, State, and local regulations.

ABOUT THIS MSDS

The data in this MSDS relates to Empire water based cutting lubricants. Although reasonable care has been taken in preparing this document, Empire extends no warranties and makes no representations as to the accuracy or completeness of the information contained herein, and assumes no responsibility regarding the suitability of this information for the user's intended purpose(s) or for the consequences of its use. Each individual should determine the suitability of this information for their particular purpose.

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