

MATERIAL SAFETY DATA SHEET

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LubriMatic Ultra^{MC} ISO46 Slide Way Oil

LubriMatic UltraTM Part Numbers: 10681, 10682

Plews & Edelmann
1550 Franklin Grove Rd.
Dixon, IL 61021

Date Issued: 01/03/13
Date Revised: 09/25/2014

General MSDS Assistance: (800) 545-1689
24 Hour Emergency Assistance - CHEMTREC: (800) 424-9300

I. IDENTIFICATION & PHYSICAL/CHEMICAL DATA

Product Name: LubriMatic UltraTM ISO46 Slide Way Oil

Product Class: Formulated Way Lubricating Oil

Manufacturer's I.D.: ISO 46 Slideway Lubricant

Synonyms and Trade Names: LubriMatic UltraTM ISO46 Slide Way Oil

CAS Number: Not Applicable

Solubility in Water: Insoluble

Appearance and Odor: Amber oily liquid, faint vegetable oil odor

HMS Code (H F R P): Health - 1, Fire - 1, Reactivity - 0, Personal Protection - B

Percent Volatile by Volume: 0%

Evaporation Rate: Not Applicable

Boiling Range: Not Applicable

Vapor Density: Exceeds 1.0

Vapor Pressure at 20 C: Not Applicable

Specific Gravity (H₂O=1.0): 0.916

Weight per Gallon: 7.64 lbs. at 60F

Viscosity: 46 cSt at 40°C

II. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS #	OSHA TWA	OSHA STEL	ACGIH STEL	ACGIH TWA
Vegetable Oil	8001-22-7	15 mg/m ³ **	---	---	---
Additive Mixture*	Confidential	---	---	---	---

*The specific chemical identity is being withheld by suppliers as a trade secret.

** OSHA TWA limit of 15 mg/m³ is for vegetable oil mist; however ISO 46 Slide Way Oil is highly resistant to mist

--- Not established

THE PRECISE COMPOSITION OF THIS PRODUCT IS PROPRIETARY INFORMATION. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.

SARA HAZARD: NONE NOTED (SECTION 311/312) TITLE III SECTION 313 - NOT LISTED

All components of this product are listed on the TSCA registry.

III. FIRE & EXPLOSION DATA

Flash Point: 291C/556F **Fire Point:** 321C/611F **LEL:** No Data

Flammability Classification: Combustible Liquid - Class IIIB

Extinguishing Media: Use carbon dioxide, dry chemical or sand for small fires; aqueous foam for large fires.

Special Fire Fighting Procedures: Avoid use of water as it may spread fire by dispersing the oil. Water may be used to keep fire-exposed containers cool. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual Fire & Explosion Hazards: Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.

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IV. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Fire, excessive heat.

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decompositions or By-Products: Fumes produced when heated to decomposition may include: CO, CO₂

V. HEALTH HAZARD DATA

Effects of Overexposure:

Eye Contact: No specific information available. Contains materials that may cause eye irritation.

Ingestion: No specific information available. Considered practically non-toxic.

Inhalation: Excessive inhalation of vegetable oil mist may irritate the respiratory system. Vegetable oil mist is classified as a nuisance particulate by ACGIH. Heating above 500°F (260°C) can generate vapors that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.

Skin Absorption: No specific information available. Considered practically non-toxic.

Skin Contact: No specific information available. Generally non-irritating, however it contains materials that may cause skin irritation to some individuals on prolonged or repeated exposure.

Effects of Chronic Overexposure: No information available.

Emergency & First Aid Procedures:

Eye Contact: Flush with plenty of water and seek medical attention if irritation develops and persists.

Ingestion: Non-toxic, however if appreciable quantities are swallowed, seek medical attention.

Inhalation: In case of over-exposure to fumes if product is heated above 500°F (260°C), remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

Skin Contact: Remove contaminated clothing and wash contact area with soap and water. Seek medical attention if irritation develops and persists

VI. SPILL OR LEAK PROCEDURES

Steps to Be Taken In Case Material Is Released or Spilled: Depending on quantity of spill: (a) Small spill – add inert solid absorbent to spill, shovel into disposable container, flush area with water, and clean area with detergent. (b) Large spill – squeegee or pump spilled oil into holding container for disposal, then clean area as described for a small spill.

Waste Disposal Method: Landfill, incinerate, or use biological treatment in accordance with federal, state, and local regulations.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Respiratory Protection: Not normally needed. Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor from heating product is likely and where ventilation is inadequate.

Ventilation:

Local Exhaust: Intermittent clean air exchanges recommended when appropriate to control employee exposure.

Mechanical: Not recommended as the sole means of controlling employee exposure.

Protective Gloves: For operations where contact can occur, individuals known to have skin sensitivity should wear impervious gloves.

Eye Protection: Eye protection is always recommended when handling chemicals.

25/09/2014

