

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance/preparation UltraLube® - Lubricant and Penetrant - Aerosol- 10444

Use of the substance/preparation Penetrant/Lubricant.
Version No. 01
Revision date 12-September 2016
CAS No. Mixture

Supplier **Plews & Edleman**
1550 Franklin Grove Road
Dixon, IL 61021
815-288-3344

SDS Questions: (800) 323-6294

Emergency telephone: CHEMTREC: (800) 824-9300

2. HAZARDS IDENTIFICATION

This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.



Physical hazards Flammable aerosol, categories 1, 2

Health hazards Not classified as a health hazard.

Environmental hazards Not classified as an environmental hazard.

Specific hazards May form vapors or oil mists during mechanical action or at elevated temperatures which may be irritating to the respiratory tract. Excessive inhalation of oil mist may affect respiratory system. Dermatitis after prolonged exposure. Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema/chapping and oil acne.

Main symptoms Irritant effects. Irritation of eyes and mucous membranes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Classification	CAS-No.	%	EC-No. / REACH Registration No.	Notes
Vegetable Oil	-	120962-03-0	78-95	273-315-5	
2-tert-butyl-hydroquinone	Xn;R22,Xi;R36,R43,N;R50,R53	1948-33-0	0 - 0.2	217-752-2	
Methyl Ester.		67784-80-9	4-19	273-606-8	
Propane		74-98-6	8-12	200-827/01-2119486944-21	

Composition comments The full text for all R-phrases is displayed in Section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. FIRST-AID MEASURES

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.

Ingestion Drink 1 or 2 glasses of water. Get medical attention if any discomfort continues.

Most important symptoms and

Effects Symptoms include itching, burning, redness, and tearing of eyes.

General advice Get medical attention if any discomfort develops.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical, foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons Do not use water jet as an extinguisher, as this will spread the fire.

Unusual fire & explosion Hazards None known

Specific hazards Thermal decomposition may produce smoke, oxides of carbon and lower molecular weight organic compounds whose composition have not been characterised.

Special protective equipment for fire-fighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

Fire fighting equipment/instructions Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation. Remove sources of ignition. For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces..

Environmental precautions Do not allow to enter drains, sewers or watercourses. Collect and dispose of spillage as indicated in Section 13. Contact local authorities in case of spillage to drain/aquatic environment.

Methods for cleaning up Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Small Spills: Absorb spillage with oil-absorbing material.

Large Spills: Absorb spilled substance with sand or earth.

7. HANDLING AND STORAGE

Handling Wear appropriate personal protective equipment. Avoid inhalation of oil mist and contact with skin and eyes. Handle and open container with care. Use work methods which minimize production of vapors and mists. Observe good industrial hygiene practices.

Storage Keep away from heat, sparks and open flame. Store in a cool and well-ventilated place. Store away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits No exposure limits noted for ingredient(s).

Exposure controls Provide adequate ventilation and minimize the risk of inhalation of vapors and oil mist.

Occupational exposure controls

Respiratory protection In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2). Seek advice from local supervisor.

Hand protection Wear protective gloves. Nitrile gloves are recommended. Suitable gloves can be recommended by the glove supplier.

Eye protection If risk of splashing, wear safety goggles or face shield.

Skin and body protection Wear suitable protective clothing. Frequent change of gloves is advisable.

General Use personal protective equipment as required. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Environmental exposure Controls

Contain spills and prevent releases and observe national regulations on emissions.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices. Wash hands after handling. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Light Oily Liquid.

Physical state Liquid

Form Aerosol.

Color Amber.

Odor Characteristic vegetable oil and gas.

Odor threshold Mild Vegetable oil odor

pH Not applicable

Boiling point Not available.

Flash point 310 C in liquid form

Flammability Flammable Aerosol

Flammability limits in air, upper, % by volume Not available.

Flammability limits in air, lower, % by volume Not available.

Vapour pressure < 0.5 mm Hg at 20 °C

Relative density 0.89

Solubility (water) Practically insoluble

Partition coefficient (n-octanol/water) Not available.

Viscosity 4-6 cSt at 40C

Vapour density	> 1 (Air = 1)
Evaporation rate	< 1 (n-Butylacetate = 1)
Melting point	Not available.
Freezing point	- 20 C
Auto-ignition temperature	Not available.
VOC	0 %

10. STABILITY AND REACTIVITY

Stability	Stable at normal conditions.
Conditions to avoid	High temperatures. Exposure to light. Contact with incompatible materials.
Materials to avoid	Strong oxidising agents.
Hazardous decomposition Products	At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Nitrogen oxides.
Hazardous polymerisation	Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	May form vapours or oil mists during mechanical action or at elevated temperatures which may be irritating to respiratory tract. Excessive inhalation of oil mist may affect respiratory system. Causes skin and eye irritation. Swallowing may cause gastrointestinal irritation.
Routes of exposure	Eye contact. Inhalation. Skin contact.
Chronic toxicity	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis
Sensitisation	The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.
Carcinogenicity	IARC not listed.
Mutagenicity	No test data available for the product.
Reproductivity	No test data available for the product.
Epidemiology	No epidemiological data is available for this product.
Local effects	Irritating to eyes and skin. May cause redness and pain.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment
Mobility	The product is immiscible with water and will spread on the water surface.
Persistence and degradability	No data available.
Bioaccumulation	No data available.

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose in accordance with all applicable regulations.
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Waste from residues / unused Products Dispose of in accordance with local regulations.

EU waste-codes 13 08 99*

14. TRANSPORT INFORMATION

ADR UN1950 Aerosols – Flammable Class 2.1

IATA Aerosol – Flammable

IMDG UN1950 Aerosols – Flammable Class 2.1

15. REGULATORY INFORMATION

Other regulations This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006 as amended.

16. OTHER INFORMATION

Wording of the R-phrases in sections 2 and 3 R22 Harmful if swallowed.
R36 Irritating to eyes.
R43 May cause sensitization by skin contact.
R50 Very toxic to aquatic organisms.
R53 May cause long-term adverse effects in the aquatic environment.

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Disclaimer The information given is based on data available for the material, the components of the material, and similar materials.

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