

SAFETY DATA SHEET

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Version 1

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

Product identifier

Product Name: 7427- Easy-Up Lubricator SDS Aerosol

Other means of identification

Product code: 7427

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Lubricant, Biobased Penetrating Lubricant, (Biodegradable)

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier and Manufacture

Renewable Lubricants, Inc.

476 Griggy RD NE, P.O. Box 474

Hartville, Oh 44632

Phone: (330) 877-9982

Fax: (330) 877-2266

Emergency telephone number

Emergency Telephone (CHEMTREC) 1-800-424-9300. Outside the U.S. (703) 527-3887

SECTION 2 Hazards Identification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Aspiration toxicity	Category 1
Gases under pressure	Compressed Gas

Label elements

EMERGENCY OVERVIEW

Signal word

Danger

Hazard statements

May be fatal if swallowed and enters airways

Contains gas under pressure; may explode if heated



Appearance: Amber oil as sprayed

Physical state

Aerosol

Odor

Mild

Ingestion IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do not induce vomiting

Precautionary Statements - Storage

Protect from sunlight, Store in a well-ventilated place. Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plan

Hazards not otherwise classified (HNOC)

Other information

SECTION 3 –COMPOSITION/INFORMATION on INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Components	CAS-No	Weight %	Trade Secret
Oil, Technical White Mineral -	Trade Secret	Trade Secret	*
Carbon Dioxide	124-38-9	1-10%	

SECTION 4 –FIRST AID MEASURES

Eye contact:	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician.
Ingestion:	Do not induce vomiting. Risk of product entering the lungs on vomiting after ingestion. If conscious, drink plenty of water. Obtain medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use dry chemical, CO₂, water spray or “alcohol” foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical

In the event of fire, cool tanks with water spray.

Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.

SECTION 6 –ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment.

Environmental precautions

Environmental precautions: Prevent product from entering drains. Do not contaminate surface water.

Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste

SECTION 7 –HANDLING AND STORAGE

Precautions for safe handling

Handling Keep away from heat, sparks, open flames, hot surfaces etc. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: do not pierce or burn.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed in a cool, well-ventilated place

SECTION 8 –EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

Components	ACGIH TLV	OSHA (TWA mg/m ³):	IDLH
Oil, Technical White Mineral –	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	
Carbon Dioxide	9,000 (TWA) mg/m ³ 10h	9,000 mg/m ³ 8h	

Appropriate engineering controls**Engineering measures to reduce exposure:**

Use only in area provided with appropriate exhaust ventilation.

Individual protection measures, such as personal protective equipment**Respiratory protection:**

No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection:

Nitrile rubber Neoprene gloves

Eye protection:

Safety glasses

Skin and body protection:

Impervious clothing

General Hygiene Considerations

Avoid contact with skin, eyes and clothing

SECTION 9-- -PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Aerosol
Appearance	Oil stream to mist as sprayed
Odor	Mild
Color	Transparent white
Odor threshold	No odor
Melting: point/freezing point:	No information available
Boiling point /boiling range:	> 300 °C /572 °F
Flash point:	146 °C / 295°F Pensky-Martens Closed Cup (PMCC)
Evaporation rate	Approx. 0
Flammability (solid, gas):	No information available
Flammability Limit in Air	
Evaporation rate:	
(n-Butyl Acetate=1)	Approx. 0
Percent Volatile:	0
Boiling Point:	>300°C (572°F)
Vapor Pressure:	< 120 psi
Vapor Density (Air = 1):	<1
Specific Gravity (H ₂ O = 1):	.88 @ 15.6°C
Solubility in Water:	Insoluble
Appearance and Odor:	light golden liquid mild odor
Flash Point (PMCC):	295° F (146° C)
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Specific Gravity:	0.87-0.88
Water solubility:	Insoluble in water
Solubility in other solvents:	No information available
Partition coefficient:	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Kinematic viscosity:	14 cSt @ 40°C
Dynamic viscosity:	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

SECTION 10 -STABILITY AND REACTIVITY

Reactivity Not applicable

Chemical stability

Stability Stable under normal conditions

Possibility of Hazardous Reactions

Possibility of Hazardous Reactions None under normal processing.
Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Conditions to avoid Do not store at temperatures above 120°F

Hazardous Decomposition Products

Hazardous Decomposition Products None under normal processing

Incompatible materials

Incompatible materials Oxidizing agents

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Product does not present an acute toxicity hazard based on known or supplied information
Eye contact Contact with eyes may cause irritation.
Skin contact Substance does not generally irritate and is only mildly irritating to the skin.
Inhalation Avoid breathing vapors or mists.
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Potential for aspiration if swallowed.
Aspiration may cause pulmonary edema and pneumonitis.

Components	Oral LD50-	Dermal LD50	Inhalation LC50
Oil, Technical White Mineral - 8042-47-5	> 5000 mg/kg (Rat)	-	= 2062 ppm (Rat) 4 h

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No sensitization responses were observed.
Mutagenic effects: Did not show mutagenic or teratogenic effects in animal experiments.
Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity This product does not contain any known or suspected reproductive hazards.
STOT - Single Exposure None under normal use conditions.
STOT - Repeated Exposure None under normal use conditions.
Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 16516 mg/kg
ATEmix (dermal) 6607 mg/kg

SECTION 12 –ECOLOGICAL INFORMATION

Ecotoxicity

No known hazards to the aquatic environment.

Oil, Technical White Mineral - 8042-47-5		
Algae/aquatic plants	-	
Fish	10000: 96 h Lepomis macrochirus mg/L LC50	
Crustacea	-	

Persistence and degradability

Readily biodegradable (> 60% % after 28 days).

Bioaccumulation

No Potential to bioconcentrate

Mobility

The product is insoluble and floats on water.

Components	Partition coefficient
Oil, Technical White Mineral - 8042-47-5 >	6

SECTION 13 –DISPOSAL INFORMATION

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

SECTION 14 –TRANSPORTATION INFORMATION

Aerosols (limited quantity),
Class 2.2, ERG 126

Air (IATA)
Aerosols (limited quantity),
Class 2.2, ERG 126, UN 1950

Vessel
Aerosol (limited quantity), Class 2.2, UN
1950

SECTION 15 –REGULATORY INFORMATION

International Inventories

TSCA: Listed in TSCA

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

Global Chemical Inventories:

USA All components of this material are on the US TSCA Inventory or are exempt.
EU All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.
Japan All components are in compliance with the Chemical Substances Control Law of Japan.
Australia All components are in compliance with chemical notification requirements in Australia.
Canada All components are in compliance with the Canadian Environmental Protection Act and are Canadian DSL/NDSL.
Switzerland All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
China All components of this product are listed on the Inventory of Existing Chemical Substances in China
Korea All components are in compliance in Korea.
Philippines All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical inventory.

CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.

Proposition 65: This product contains no chemicals know to the state of California to cause cancer, birth defects of other reproductive harm.

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	Yes
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations (RTK):

California Proposition 65:

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations:

Components	NJRTK:	MARTK:	PARTK:
Oil, Technical White Mineral - 8042-47-5	Substance no. 1437 Listed Substance no. 4004 Listed	Listed.	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

SECTION 16 –OTHER INFORMATION

Read and follow all label directions and precautions before using the product.

Nfpa:

Health: 1

Flammability: 1

Instability 0

NFPA/HMIS * for Carc, Muta, Tera, Specific Organ *

HMIS health rating:

Health: 1

Flammability: 1

Physical hazards 0

Personal protection B

Revision:

Date	Revised Section
15 May 2015	new

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