

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

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

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)

Product name	PYROIL® WHITE GREASE (LITHIUM)
Product code	PYWLG11
Product Use Description	No data

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: aerosol

Potential Health Effects

Routes of exposure

Inhalation, Skin contact

Eye contact

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. Additional symptoms of eye exposure may include: blurred vision

Skin contact

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

Breathing of vapor or mist is possible.

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin

Symptoms

stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), and death

Target Organs

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: effects on hearing, central nervous system damage

Carcinogenicity

No data

Reproductive hazard

No data

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration
n-HEPTANE	142-82-5	>=60-<70%
PETROLEUM DISTILLATES	64742-52-5	>=10-<15%

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Notes to physician

Hazards: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 2 - Swallowing) when deciding whether to induce vomiting.

Treatment: No information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water mist, Carbon dioxide (CO₂), Dry chemical

Hazardous combustion products

May form:, carbon dioxide and carbon monoxide, various hydrocarbons

Precautions for fire-fighting

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks).

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

Environmental precautions

No data

Methods for cleaning up

Allow to evaporate. Persons not wearing protective equipment should be excluded from area until leak has been repaired. Allow to evaporate.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

No data

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

n-HEPTANE

142-82-5

ACGIH	time weighted average	400 ppm
ACGIH	Short term exposure limit	500 ppm
NIOSH	Recommended exposure limit (REL):	85 ppm
NIOSH	Recommended exposure limit (REL):	350 mg/m3
NIOSH	Ceiling Limit Value and Time Period (if specified):	440 ppm
NIOSH	Ceiling Limit Value and Time Period (if specified):	1,800 mg/m3
OSHA Z1	Permissible exposure limit	500 ppm
OSHA Z1	Permissible exposure limit	2,000 mg/m3
OSHA Z1A	time weighted average	400 ppm
OSHA Z1A	time weighted average	1,600 mg/m3
OSHA Z1A	Short term exposure limit	500 ppm
OSHA Z1A	Short term exposure limit	2,000 mg/m3
US CA OEL	Time Weighted Average (TWA)	400 ppm
US CA OEL	Permissible Exposure Limit (PEL):	
US CA OEL	Time Weighted Average (TWA)	1,600 mg/m3

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

	Permissible Exposure Limit (PEL):	
US CA OEL	Short term exposure limit	500 ppm
US CA OEL	Short term exposure limit	2,000 mg/m3
ACGIH	time weighted average	400 ppm
ACGIH	Short term exposure limit	500 ppm

DISTILLATES (PETROLEUM), 64742-52-5
HYDROTREATED HEAVY NAPHT

OSHA Z1	Permissible exposure limit	500 ppm
OSHA Z1	Permissible exposure limit	2,000 mg/m3
OSHA Z1A	time weighted average	400 ppm
OSHA Z1A	time weighted average	1,600 mg/m3
US CA OEL	Time Weighted Average (TWA)	400 ppm
	Permissible Exposure Limit (PEL):	
US CA OEL	Time Weighted Average (TWA)	1,600 mg/m3
	Permissible Exposure Limit (PEL):	

PROPANE 74-98-6

NIOSH	Recommended exposure limit (REL):	1,000 ppm
NIOSH	Recommended exposure limit (REL):	1,800 mg/m3
OSHA Z1	Permissible exposure limit	1,000 ppm
OSHA Z1	Permissible exposure limit	1,800 mg/m3
OSHA Z1A	time weighted average	1,000 ppm
OSHA Z1A	time weighted average	1,800 mg/m3
US CA OEL	Time Weighted Average (TWA)	1,000 ppm
	Permissible Exposure Limit (PEL):	
US CA OEL	Time Weighted Average (TWA)	1,800 mg/m3
	Permissible Exposure Limit (PEL):	
ACGIH	time weighted average	1,000 ppm

BUTANE NORMAL 106-97-8

NIOSH	Recommended exposure limit (REL):	800 ppm
NIOSH	Recommended exposure limit (REL):	1,900 mg/m3
OSHA Z1A	time weighted average	800 ppm
OSHA Z1A	time weighted average	1,900 mg/m3
US CA OEL	Time Weighted Average (TWA)	800 ppm
	Permissible Exposure Limit (PEL):	
US CA OEL	Time Weighted Average (TWA)	1,900 mg/m3
	Permissible Exposure Limit (PEL):	

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

Eye protection

Not required under normal conditions of use.

Skin and body protection

Not required under normal conditions of use.

Other protective equipment: not required under normal conditions of use.

Respiratory protection

If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH-approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	aerosol
Form	No data
Colour	No data
Odour	No data
Boiling point/boilingrange	No data
pH	No data
Flash point	-20.00 °F / -28.89 °C, Tag closed cup
Evaporation rate	No data
Explosion limits	No data
Vapour pressure	No data
Vapour density	No data
Density	0.68 g/cm ³
	No data
Solubility	No data
Partition coefficient: n-	No data

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

octanol/water

Autoignition temperature No data

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Avoid contact with:

Incompatible products

Avoid contact with:, strong oxidizing agents

Hazardous decomposition products

May form:, carbon dioxide and carbon monoxide, various hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

n-HEPTANE LD 50 Rat: > 15,000 mg/kg

PETROLEUM DISTILLATES LD 50 Rat: > 5 g/kg

Acute inhalation toxicity

n-HEPTANE LC 50 Rat: 103 g/m3 , 4 h

Acute dermal toxicity

n-HEPTANE LD 50 Rabbit: > 2,000 mg/kg

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

PETROLEUM DISTILLATES

LD 50 Rabbit: > 5 g/kg

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Acute and Prolonged Toxicity to Fish

No data

Acute Toxicity to Aquatic Invertebrates

No data

Environmental fate and pathways

No data

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Ventilate area of spill. Allow material to evaporate. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

14. TRANSPORT INFORMATION

IMDG:

UN1950, AEROSOLS 2.1,

IATA_P:

UN1950, Aerosols, flammable 2.1,

IATA_C:

UN1950, Aerosols, flammable 2.1,

CFR_ROAD:

UN1950, Aerosols 2.1,

CFR_RAIL:

UN1950, Aerosols 2.1,

CFR_INWTR:

PYROIL® WHITE GREASE
(LITHIUM)
PYWLG11

UN1950, Aerosols 2.1,

Dangerous goods descriptions (if indicated above) may not reflect package size, quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

SARA Hazard Classification Acute Health Hazard

SARA 313 Component(s)

	Health	Flammability	Reactivity	Other
HMIS				No data
NFPA				No data

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).