



SAFETY DATA SHEET

Issue Date 02/13/2019

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Version 1

1. IDENTIFICATION

Product identifier

Product Name: Pure Guard White Oil

Other means of identification

Product code: F-654

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Lubricating Oil

Other identifier: Mixture

Uses advised against: No information available

Details of the supplier of the safety data sheet

Supplier Address

FRONTIER PERFORMANCE LUBRICANTS INC

PO BOX 1777

LODI, CA 95241

Phone: (800)-807-4496

Fax: (209)-334-6408

Emergency telephone number

Emergency Telephone: PERS (800)-633-8253

2. HAZARDS IDENTIFICATION

Classification of the Mixture: Liquid. Slight petroleum odor.

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

WHMIS 2015 Regulatory Status This chemical is considered hazardous by the Canadian Hazardous Products Regulations (WHMIS 2015).

Hazard Classifications: Aspiration Hazard, Category 1

Signal Word: Danger!



Hazard Pictograms:

Hazard Statements: May be fatal if swallowed and enters airway.

Precautionary Statements:

Prevention

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Avoid

breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.

Response

If SWALLOWED: Immediately call a poison center or doctor/physician. Do not induce vomiting.

Storage

Store locked up.

Disposal

Dispose of contents/containers in accordance with local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

This material is considered hazardous by the Canadian Hazardous Products Regulation (WHMIS 2015).

Ingredient	Weight %	CAS #
White Oil	80-100	Proprietary

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eyes: Flush eyes with running water for at least 15 minutes. If symptoms persist, call a physician.
Skin: Rinse with plenty of water. If skin irritation persists, call a physician.
Ingestion: Rinse mouth. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Risk of product entering the lungs on vomiting after ingestion. Aspiration may cause pulmonary edema and pneumonitis.
Inhalation: In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide (CO₂). Dry chemical. Water spray mist or 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. Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions/Procedures: Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition.

Environmental Precautions: Do not flush to surface water or sanitary sewer system.

Methods for Containment/Clean Up: Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling and Storage Precautions Use only in well-ventilated areas. Keep away from direct sunlight. Avoid contact with eyes and

skin. Handle and open container with care. Keep away from heat and sources of ignition.
Keep containers dry and tightly closed to avoid moisture absorption and contamination

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA (TWA mg/m ³):
White Oil -	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)

Appropriate engineering controls

Engineering measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Respiratory protection:	Breathing apparatus needed only when aerosol or mist is formed.
Hand protection:	Nitrile rubber
Eye protection:	Safety glasses
Skin and body protection:	Usual safety precautions while handling the product will provide adequate protection against this potential effect
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Colorless to light yellow
Appearance:	Liquid
Specific Gravity:	<1.0
Solubility in Water:	Insoluble
Kinematic Viscosity	16 cSt @ 40 °C
Vapor Pressure:	Not Determined
%Volatile by Volume:	Not Determined
Evaporation Rate:	Not Determined
Flash Point	>204 °C/ 400 °F
Odor:	Characteristic
Vapor Density (air = 1):	Not Determined
Boiling Point:	Not Determined
Reactivity in Water:	Not Reactive

10. STABILITY AND REACTIVITY

Stability:	The product is stable.
Conditions to Avoid:	No special storage conditions required
Incompatibility:	Strong oxidizing or reducing agents.
Decomposition Products:	None under normal use conditions
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation, skin, eyes, and ingestion.
Potential Health Effects:	
Eye Effects:	May cause slight irritation.
Skin Effects:	Substance may cause slight skin irritation.
Inhalation Effects:	Avoid breathing vapors or mists.
Ingestion Effects:	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
White Oil -	> 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)	5005 mg/kg
ATEmix (dermal)	2002 mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No known hazards to the aquatic environment.

0.1 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

White Oil	
Algae/aquatic plants	-
Fish	10000: 96 h Lepomis macrochirus mg/L LC50
Crustacea	-

Persistence and degradability No information available.

Bioaccumulation No information available.

Mobility The product is insoluble and floats on water.

Chemical name	Partition coefficient
White Oil -	>6

13. DISPOSAL CONSIDERATIONS**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.

14. TRANSPORT INFORMATION

Proper Shipping Name: PETROLEUM OIL; NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR.

Shipping Class: 65

DOT Identification Number: N/A

DOT Shipping Label: Not Regulated by DOT.

TDG Classification: Not controlled under TDG (Canada)

15. REGULATORY INFORMATION**International Inventories**

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

EINECS/ELINCS This product complies with EINECS/ELINCS

CHINA: This product complies with China IECSC.

KECL: This product complies with Korea KECL.

PICCS: This product complies with Philippines PICCS.
AICS: All the constituents of this material are listed on the Australian AICS

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances **IECSC**
 - China Inventory of Existing Chemical Substances **KECL** -
 Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Canada HPR Statement This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS

US 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 No
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
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

Chemical name	NJRTK:	MARTK:	PARTK:
White Oil -	Substance no. 1437 Listed. Substance no. 4004 Listed.	Listed	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number Not classified

16. OTHER INFORMATION

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NFPA Hazard Rating:

Health:	1	Slight
Flammability:	1	Slight
Reactivity:	0	Negligible

*Threshold Limit Value/Personal Exposure Limit
 N/A = Not Applicable
 N/E = Not Established

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing,

storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet