Safety Data Sheet

Issue Date: 26-Jun-2014 **Revision Date:** 13-Oct-2026 **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name ProTecta Synthetic Engine Oil Booster

Other means of identification

SDS # SFR-022

Recommended use of the chemical and restrictions on use

Recommended Use Engine oil booster and lubricant additive, supplied in 1 quart bottles. Use only as directed on the label. Keep out of reach of children.

Details of the supplier of the safety data sheet

Supplier Address
SFR Corporation
P.O. Box 457
Whitehall, MT 59759

Emergency Telephone Number

Company Phone Number Phone: 406-287-7836 / 1-800-735-6438
Fax: 406-287-7946

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Amber **Physical State** Liquid **Odor** Mild petroleum

Classification

This product does not meet the hazardous criteria set forth by the OSHA Hazard Communication Standard (29 CFR 1910.1200, HazCom 2024). No signal word, hazard pictograms or hazard statements are required. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Precautionary statements (recommended)
P102 Keep out of reach of children. P264 Wash hands thoroughly after handling. P273 Avoid release to the environment.

Hazards not otherwise classified (HNOC)
None known. Used oil may contain harmful contaminants – see Section 11.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Highly refined synthetic base oil	Proprietary	40 – 50
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	25 – 35
Lubricant additives	Proprietary	15 – 30

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment. Base oils are severely refined (IP 346 DMSO extract < 3 %).

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST-AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting the upper and lower eyelids. If irritation persists, get medical attention.

Skin Contact Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Inhalation Remove to fresh air. If breathing is difficult or symptoms develop, get medical attention.

Ingestion Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop.

Most important symptoms and effects

Symptoms May cause mild eye or skin irritation. Prolonged or repeated skin contact may dry the skin. Breathing oil mist may irritate the nose and throat.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically. High-pressure injection under the skin requires immediate surgical evaluation.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water spray (fog). Foam. Dry chemical. Carbon dioxide (CO2).

Unsuitable Extinguishing Media Do not use a solid water stream; it may spread burning oil.

Specific Hazards Arising from the Chemical
Not flammable or combustible under DOT and OSHA definitions, but will burn if heated above its flash point. Use water spray to keep fire-exposed containers cool.

Hazardous Combustion Products Carbon monoxide, carbon dioxide, oxides of sulfur, phosphorus and zinc, smoke and fumes.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required.
Environmental Precautions	Prevent entry into drains, sewers and waterways. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for Containment	Stop leak if safe to do so. Contain spill with sand, earth or other inert absorbent.
Methods for Clean-Up	Absorb and place in suitable containers for disposal. Spilled oil makes surfaces slippery.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged skin contact. Wash thoroughly after handling. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep container tightly closed and store in a cool, dry, well-ventilated place away from heat, sparks, flame and strong oxidizers.
Incompatible Materials	Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines Mineral oil mist (applies to petroleum and synthetic base oils): OSHA PEL TWA 5 mg/m³; ACGIH TLV TWA 5 mg/m³ (inhalable fraction, severely refined); NIOSH REL TWA 5 mg/m³, STEL 10 mg/m³.
No other exposure limits established for the ingredients of this product.

Appropriate engineering controls

Engineering Controls	Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses recommended where splashing is possible.
Skin and Body Protection	Oil-resistant gloves (nitrile) recommended for prolonged or repeated contact.

Respiratory Protection Not required under normal use. If oil mist exceeds exposure limits, use a NIOSH-approved respirator.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Clear liquid	**Odor**	Mild petroleum
Color	Amber	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	Not applicable	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	> 500 °F (> 260 °C)	
Flash Point	> 240 °F (> 116 °C)	Estimated from components
Evaporation Rate	Negligible	
Flammability (Solid, Gas)	Liquid – Not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	< 0.1 mm Hg @ 68 °F (20 °C)	
Vapor Density	> 5	(Air = 1)
Specific Gravity	Approx. 0.87	
Water Solubility	Insoluble	
Solubility in other solvents	Soluble in petroleum oils and solvents	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not explosive	
Oxidizing Properties	Not oxidizing	

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Excessive heat, open flames.

Incompatible Materials
Strong oxidizing agents.

Hazardous Decomposition Products
Carbon monoxide, carbon dioxide, and oxides of sulfur, phosphorus and zinc on burning. None under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact May cause mild, temporary eye irritation.

Skin Contact Prolonged or repeated contact may cause mild irritation and drying of the skin.

Inhalation Low hazard under normal use. Oil mist may irritate the respiratory tract.

Ingestion Low acute toxicity. Small amounts swallowed are not expected to cause harm.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	> 5,000 mg/kg (Rat)	> 2,000 mg/kg (Rabbit)	> 5 mg/L, 4 h (Rat, mist)
Highly refined synthetic base oil	> 2,000 mg/kg (Rat)	> 2,000 mg/kg (Rabbit)	> 5 mg/L, 4 h (Rat)

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity This product does not contain any carcinogens or potential carcinogens listed by OSHA, IARC or NTP at 0.1 % or more. The petroleum base oil is severely refined (IP 346 DMSO extract < 3 %) and is not classified as a carcinogen. Used engine oil has been shown to cause skin cancer in laboratory animals after repeated, prolonged contact; avoid prolonged skin contact with used oil.

Numerical measures of toxicity
Acute toxicity estimates for the mixture: Oral > 2,000 mg/kg; Dermal > 2,000 mg/kg. Not classified.

12. ECOLOGICAL INFORMATION

Ecotoxicity
The product is 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.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	Not determined	LC50 (96 h, Rainbow trout): > 5,000 mg/L	Not determined	EC50 (48 h, Daphnia magna): > 1,000 mg/L

Persistence/Degradability
Base oils are inherently biodegradable.

Bioaccumulation
Not expected to bioaccumulate significantly.

Mobility
Floats on water. Low mobility in soil; expected to adsorb to soil.

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Recycle used oil where possible. Dispose of in accordance with applicable regional, national and local laws and regulations. Do not dump into sewers, on the ground or into any body of water.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for the most up-to-date shipping information. Flash point is above 200 °F (93 °C): not a flammable or combustible liquid.

DOT Not regulated

IATA Not regulated

IMDG Not regulated (not a marine pollutant)

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	Present	Present		Present		Present	Present	Present	Present	Present

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*

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
None.
CERCLA
Not regulated. Petroleum oils are excluded from the CERCLA definition of hazardous substance; spills to water may be reportable under the Clean Water Act (oil sheen).

US State Regulations

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated under applicable state right-to-know regulations.
California Proposition 65
This product is not known to contain chemicals listed under Proposition 65 at levels requiring a warning. Used engine oil can contain listed chemicals.

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	1	0	None
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	1	1	0	A (safety glasses)

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Disclaimer
The information provided in this 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