



Safety Data Sheet

SYNMAXX® High Engine Treatment

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Trade Name: SYNMAXX® High Engine Treatment
Revision Date: 4/2/25
Created Date: 4/1/25

1.2 Relevant identified uses of the substance or mixture and uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Shrieve Chemical Products

1442 Lake Front Cir Ste 500

The Woodlands, TX 77380-3634 US

phone: (800) 367-4226 Customer Service

e-mail: cust-serv@shrieve.com

website: www.shrieve.com

1.4 Emergency telephone number

CHEMTREC: (800) 424-9300 (USA)
+1-703-741-5970 (International)

Poison Control: (800) 222-1222 (USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200).
Sensitization (Skin), Category 1

2.2 Label elements



Signal Word Warning

Hazard Statements

H317-May cause an allergic skin reaction.

Precautionary Statements

Prevention

P261-Avoid breathing dust/fume/gas/mist/vapors/spray.

P272-Contaminated work clothing should not be allowed out of the workplace.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352-IF ON SKIN: wash with plenty of water.

P321-Specific treatment (see first aid measures on this label).

P333+P313-IF SKIN irritation or rash occurs: Get medical attention.

P362-Take off contaminated clothing and wash before reuse.

Disposal

P501-Dispose of contents/container to a licensed contractor in accordance with local, state, national, and international regulations.

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2.3 Other hazards

None known.

2.4 Unknown Acute Toxicity (US)

None known.

SECTION 3: Composition / information on ingredient(s)

Chemical Name	CAS Number	EC #	Concentration % by Weight
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	272-028-3	0.1-1
Proprietary	-		1-5

Additional Information

Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

IF exposed or concerned: Get medical advice/attention.

After inhalation

Remove person to fresh air and keep comfortable for breathing.

After skin contact

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

After ingestion

Call a poison center/doctor/physician if you feel unwell.

Self-protection of the first aider

None known.

4.2 Most important symptoms and effects, both acute and delayed

Irritation. May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

None known.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

Toxic fumes may be released.

5.3 Advice for firefighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not attempt to take action without suitable protective equipment.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

7.3 Incompatibilities/Specific end uses(s)

Incompatibilities	None known.
Specific end use(s)	None known.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None known.

8.2 Engineering Controls/Exposure Controls

Engineering controls	Ensure good ventilation of the work station. Avoid release to the environment.
Environmental exposure controls	None known.

8.3 Protective Measures

Eye/face protection	Safety glasses.
Hand protection	Protective gloves.
Other Skin protection	Wear suitable protective clothing.
Other protection	None known.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
General hygiene consideration	None known.
Thermal hazards	None known.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value
Appearance	Clear and bright.
Density	7.1-7.4 lbs/gallon.
Flash Point	>200°C.
Specific Gravity	0.86 @ 20°C.
State of Matter	Liquid.



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Viscosity, kinematic	90-100 cSt @ 40°C.
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9.2 Other information

None known.

SECTION 10: Stability and Reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Source

Skin contact	None known.
Eye contact	None known.
Inhalation	None known.
Ingestion	None known.
Symptoms related to characteristics	None known.
Acute effects	None known.
Chronic effects	None known.

Numerical measures of Toxicity

None known.

Skin corrosion/irritation	None known.
Serious eye damage/eye irritation	None known.
Respiratory sensitization	None known.
Skin sensitization	May cause an allergic skin reaction.
Carcinogenicity	No components present at 0.1% or greater are classified as carcinogens by the NTP, IARC, or OSHA.
Germ cell mutagenicity	None known.
Reproductive toxicity	None known.
Specific target organ toxicity - single exposure	None known.
Specific target organ toxicity - repeated exposure	None known.
Aspiration hazard	None known.



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SECTION 12: Ecological information

12.1 Toxicity

12.1 Numerical measures of Toxicity

The final product does not carry any aquatic toxic classification.

None known.	
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12.2 Persistence and degradability

None known.

12.3 Bioaccumulative potential

None known.

12.4 Mobility in soil

None known.

12.5 Results of PBT and vPvB assessment

None known.

12.6 Other adverse effects

None known.

12.7 Additional Information

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handling for disposal

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Methods of disposal

None known.

Contaminated packaging

None known.

SECTION 14: Transport Information

D.O.T./ADR/RID - Ground transportation

14.1 UN number

14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

14.3 Transport hazard class(es)

None known.

14.4 Packing group

None known.

Air transport (ICAO/IATA)

14.1 UN number

14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

14.3 Transport hazard class(es)

None known.

14.4 Packing group

None known.

Sea transport (IMDG)



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- 14.1 UN number**
- 14.2 UN proper shipping name** Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA
- 14.3 Transport hazard class(es)** None known.
- 14.4 Packing group** None known.
- 14.5 Environmental hazards**
Marine Pollutant: No
None known.
- 14.6. Special precautions for user**
None known.
- 14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code**
None known.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. - Massachusetts - RTK (Right To Know) List

Paraffin oils, petroleum, catalytic dewaxed heavy (64742-70-7)

Extraordinarily hazardous and Carcinogen.

U.S. - New Jersey - RTK (Right To Know) - Hazardous Substance List

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

3012 (as Zinc compounds, RR-00578-7).

U.S. - Pennsylvania - RTK (Right To Know) List

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

Environmental hazard (as Zinc compounds, RR-00578-7).

Country or region

United States of America

Inventory List

United States - Toxic Substance Control Act (TSCA)

Listed or Exempt (yes/no)

Yes

15.2 Chemical Safety Assessment

None known.

SECTION 16: Other Information

Specific Hazard N/A.

HMIS Ratings

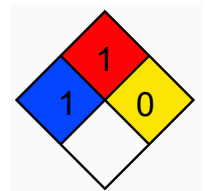
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

1 - Slightly hazardous.

1 - Above 200°F.

0 - Stable, even under fire conditions and will not react with water, etc.

NFPA



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