Oil System Cleaner

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 8/24/2026 Revision date: 8/24/2026

SECTION 1 Identification

1.1. Product identifier

Product form	:	Mixture
Trade name	:	Oil System Cleaner
Product code	:	1001

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use	:	Lubricants and additives
Restrictions on use	:	Restricted to professional users

1.4. Supplier's details

Petra Automotive Products, Inc.
11085 Regency Green Dr.
Cypress, TX 77429
USA
T (713) 856-5700
www.petraautoproducts.com

1.5. Emergency phone number

Emergency number	:	(Chemical Spills, Leaks, Fire, Exposure or Accident only): CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. Label elements

According to the corresponding national regulations there is no labelling obligation for this product. Not classified as hazardous according to GHS/OSHA.

2.3. Hazards associated with known or reasonably anticipated uses

None known

2.4. Hazards not otherwise classified

Other hazards which do not result in classification	:	Harmful to aquatic life with long lasting effects.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

Mixtures

Name	Product identifier	Conc. (% w/w)
Mineral Oil* *** One or more of the following CAS-No 64742-54-7; 64742-65-0; 64742-55-8; and 64742-56-9	Mixture***	10 - 30
Distillates (petroleum), hydrotreated heavy naphthenic*	CAS-No.: 64742-52-5	10 - 30
Distillates (petroleum), hydrotreated light naphthenic*	CAS-No.: 64742-53-6	10 - 30
Zinc alkyldithiophosphateas*	PA0001**	0 – 5

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Comments : ** Unique identifier is a company internal designation.

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person to fresh air. Get medical attention if symptoms occur.

First-aid measures after skin contact : Gently wash with plenty of soap and water. Get medical advice if skin irritation persists.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Get medical attention if irritation develops and persists.

First-aid measures after ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation : May cause minor irritation to the respiratory tract and to other mucous membranes.

Skin : May cause slight irritation to the skin.

Eyes : May cause minor eye irritation.

Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms : No chronic health hazards are likely for this material.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Not required. Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

5.2. Specific hazards arising from the chemical

Fire hazard : This product is not classified as flammable or combustible. Could burn but does not ignite readily.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2). Hydrocarbon. Sulphur oxides. Zinc compound.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : 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

General measures : Ventilate spillage area. Avoid contact with eyes, skin and clothing. Do not touch or walk on the spilled product. Keep unnecessary and unprotected personnel away from the spillage.

For non-emergency personnel

No additional information available

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Dike and contain spill. Stop leak if safe to do so.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

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

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Avoid contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety procedures.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in a cool, well-ventilated place. Keep away from heat and direct sunlight.

Incompatible materials for storage : Keep away from strong acids and strong oxidizers.

Storage temperature : < 45 °C

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Mineral Oil* *** One or more of the following CAS-No 64742-54-7; 64742-65-0; 64742-55-8; and 64742-56-9**	
USA - ACGIH® - Threshold Limit Values	
ACGIH® TLV® TWA	5 mg/m³ inhalable
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA)	5 mg/m³

Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
USA - ACGIH® - Threshold Limit Values	
Local name	Mineral oil, excluding metal working fluids Pure, highly and severely refined
ACGIH® TLV® TWA	5 mg/m³ (I - Inhalable particulate matter)
Remark (ACGIH®)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)

Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Oil mist, mineral
OSHA PEL (TWA)	5 mg/m³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)	
USA - ACGIH® - Threshold Limit Values	
ACGIH® TLV® TWA	5 mg/m³ inhalable
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA)	5 mg/m³

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure adequate ventilation.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Wear suitable gloves

Eye protection:
Use suitable eye protection

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Clear. Amber Liquid.
Color : Amber
Odor : Characteristic
Odor threshold : Not determined
pH : Not applicable
Melting point : Not applicable
Freezing point : No data available
Boiling point : Not determined
Flash point : 200 °C
Flammability (solid, gas) : Not applicable.
Vapor pressure : Not determined
Relative vapor density at 20°C : No data available
Relative density : No data available

Density	:	0.91 g/ml
Solubility	:	Water: Slight
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	Not determined
Decomposition temperature	:	45 °C
Viscosity, kinematic	:	90.29 mm²/s
Explosion limits	:	Not applicable
Explosive properties	:	Product is not explosive.
Particle characteristics	:	Particle characteristics : Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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

Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce : Irritating fumes. On combustion, forms: carbon oxides (CO and CO2). Sulfur oxides (SOx). Hydrocarbons.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified.

Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)	
LD50 oral rat	> 5000 mg/kg body weight OECD 401

Zinc alkyldithiophosphateas PA0001***	
LD50 oral rat	1830 mg/kg body weight
LD50 dermal rabbit	> 3160 mg/kg

Skin corrosion/irritation	:	Not classified pH: Not applicable
Serious eye damage/irritation	:	Not classified pH: Not applicable
Respiratory or skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	Not classified

Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
LOAEL (oral,rat,90 days)	125 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)	
LOAEL (oral,rat,90 days)	125 mg/kg body weight OECD 408
NOAEL (dermal,rat/rabbit,90 days)	≈ 1000 mg/kg body weight OECD 410

Aspiration hazard	:	Not classified

Oil System Cleaner	
Viscosity, kinematic	90.29 mm²/s

Symptoms/effects	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Inhalation	:	May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	:	May cause slight irritation to the skin.
Eyes	:	May cause minor eye irritation.
Ingestion	:	May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	:	No chronic health hazards are likely for this material.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	:	No toxicity data available for product. This product is expected to be harmful to the aquatic environment. Releases to the environment should be avoided. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Hazardous to the aquatic environment, short–term (acute)	:	Not applicable.
Hazardous to the aquatic environment, long–term (chronic)	:	Not applicable.

12.2. Persistence and degradability

Oil System Cleaner	
Persistence and degradability	Not readily biodegradable.

Mineral Oil	
Persistence and degradability	Inherently biodegradable.

Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
Persistence and degradability	Inherently biodegradable.

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)	
Persistence and degradability	Inherently biodegradable.

Zinc alkyldithiophosphateas PA0001***	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

TDG
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Oil System Cleaner	
Subject to reporting requirements of United States SARA Section 313 Zinc alkyldithiophosphateas PA0001*** (As Zinc Compounds) at 0 – 5%	
SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

15.2. International regulations

No additional information available

15.3. State regulations

WARNING: This product can expose you to Ethyl acrylate, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Revision date : 8/24/2026
Issue date : 8/24/2026

Indication of changes:
New SDS.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.