



Safety Data Sheet

AD220

SDS Revision Date: 06/25/19 by Edmac Compressor Parts

Section 1: Chemical Product and Company Identification

1.1 Product Identifier

Product Identity

3003981680

Alternate References

MSOL447

1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

Intended Use

Lubricant

1.3 Details of Supplier of the Safety Data Sheet

Distributor Company Name

Gast Mfg. Inc.
2300 Hwy M-139
Benton Harbor, MI 49023-0097

Customer Service

(269) 926-6171

Emergency: Chemtrec (USA)

(704) 504-4066 (US)

Section 2: Hazards Identification

2.1 Hazard Classification

Health Hazards: May cause eye irritation

2.2 Label Elements

Hazard Symbol: No Symbol

Signal Word: Warning

Hazard Statement: May cause eye irritation

2.3 Precautionary Statement

Prevention: Wash hands thoroughly after handling. Use personal protective equipment as required.

Response: If exposed or concerned, get medical attention

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.4 Other hazards which do not result in GHS classification

Repeated exposure may cause skin dryness or cracking.

Section 3: Composition/Ingredient Information

CAS	Component Name	WT %
64742-58-1	Lubricating oils, petroleum, hydrotreated spent	90 – 99
Trade Secret	Phosphorodithioic acid, alkyl esters, zinc salts	0.1 – 0.9

Section 4: First Aid Measures

General Information: Get medical advice/attention if you feel unwell



Inhalation: In case of overexposure, move person to fresh air. If not breathing, administer artificial respiration and oxygen.

Skin: Immediately remove contaminated clothing, Wash skin thoroughly with plenty of soap and water. If irritation persists, get medical attention.

Eyes: Thoroughly flush eyes with clean, low-pressure water. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists

Oral: Clean mouth with water. Get medical attention if symptoms occur. Do not give anything by mouth to an unconscious person.

4.1 Most Important Symptoms and Effects (Acute and Delayed)

See Section 11

4.2 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Section 5: Fire Fighting Measures

5.1 Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam or water spray. Water can be used to cool and protect exposed material.

5.2 Unsuitable Extinguishing Media

Do not use high-pressure water streams.

5.3 Special Hazards Arising from the Chemical

Negligible fire hazard. Avoid friction, static electricity and sparks.

5.4 Hazardous Combustion Products

Decomposition and combustion materials may be toxic. Burning may produce sulfur oxides, aldehydes, ketones, carbon monoxide and unidentified organic compounds.

5.5 Fire Fighting Measures

Standard procedure for chemical fires. A positive pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

5.6 Special Protective Equipment and Precautions for Fire Fighters

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

Ensure adequate ventilation. Use personal protective equipment. Material can create slippery conditions.

6.2 Methods and Materials for containment and cleaning up

Remove all sources of ignition. Safely stop flow of spill. Absorb spill with an inert material then place in a chemical wash container. Recover by pumping or with suitable absorbent.

Dike far ahead of larger spill for later recovery and disposal.

6.3 Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas Report spills as required to appropriate authorities. Material will float on water.

6.4 References to Other Sections

For personal protection, see Section 8.



Section 7: Handling and Storage

7.1 Precautions for Safe Handling

Keep away from heat, sparks and flame. Keep containers closed when not in use. Ground all handling equipment to prevent sparking. Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged exposure to skin. Hands should be washed thoroughly after handling. Provide adequate ventilation. Use person protective equipment as required. Launder contaminated clothing before reuse.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Odorous and toxic fumes may form from decomposition of this material if stored in temperatures in excess of 113 Deg. F. (45 Deg. C.) for extended periods of time.

7.3 Incompatible Materials

Strong oxidizing materials

7.4 Storage Temperature

Ambient

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Occupational exposure limits:

Lubricating oils, petroleum, hydrotreated, spent	None established
Phosphorodithioic acid, alkyl esters, zinc salts	None established

8.2 Occupational Exposure Controls

Appropriate engineering controls: Adequate ventilation should be provided

8.3 Individual Protection Measures, Such as PPE

Respiratory System: When exposure through inhalation may occur from use, respiratory protection is recommended. Use an approved respirator equipped with oil/mist cartridges.

Hand protection: Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Long-sleeved clothing

8.4 Hygiene Measures

Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Do not wear rings, watches or similar apparel that could entrap material and cause a skin reaction.

Section 9: Chemical and Physical Properties

Appearance:	amber colored liquid
Odor:	Mild
Odor Threshold:	No data available
pH:	No data available
Melting Point/Freezing Point:	No data available
Initial Boiling Point:	No data available
Flash Point:	338 Deg. F (> 170 Deg. C) by COC D92
Evaporation Point:	No data available
Flammability:	No data available



Upper/Lower Explosive Limits:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Specific Gravity:	0.86 – 0.88 60.1oF (15.6oC)
Solubility in Water:	No data available
Partition Coefficient:	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	4.5 – 7.5 centistokes (100oC (212oF)

Section 10: Stability and Reactivity

10.1. Reactivity

No reactivity hazard is expected.

10.2. Chemical stability

Stable under normal temperatures and pressures.

10.3. Possibility of hazardous reactions

Will not polymerize.

10.4. Conditions to avoid

Do not expose to excessive heat, ignition sources, or oxidizing materials.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Smoke, carbon monoxide, carbon dioxide, aldehydes, and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released.

Section 11: Toxicological Information

11.1 Information on Likely Routes of Exposure

Inhalation: No information on significant adverse effects.

Ingestion: No information on significant adverse effects.

Skin Contact: No information on significant adverse effects.

11.2 Acute and Chronic Toxicity

Oral: >2000 mg/kg

Dermal: >2000 mg/kg

Immediate Effects: No information on significant adverse effects.

Delayed Effects: No information on significant adverse effects.

Irritation/Corrosivity Data: May cause mild eye irritation. May cause slight skin irritation.

Respiratory Sensitization: No data available

Dermal Sensitization: No data available

Carcinogenicity: Not classified

Germ Cell Mutagenicity: No data available

Tumorigenic toxicity: No data available

Reproductive Toxicity: No data available

Specific Target Organ Toxicity

Single Exposure: No information on significant adverse effects

Repeated Exposure: No information on significant adverse health effects



Section 12: Ecological Information

12.1 Ecotoxicity

Toxic to aquatic life.

12.2 Component Analysis –Aquatic Toxicity

Lubricating oils, petroleum, hydrotreated spent	64742-58-1
Fish:	LC50 96 h Brachydanio 79.6 mg/L [semi-static] LC50 96 h Pimephales promelas 3.2 mg/L [semi-static]

12.3 Persistence and Degradability

No information available for the product.

12.4 Bioaccumulative Potential

No information available for the product.

12.5 Mobility

No information available for the product.

12.6 Other Adverse Effects

No information available for the product.

Section 13: Disposal Information

13.1 Disposal Methods

Dispose in accordance with federal, state, provincial and local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit the hazards of product.

13.2 Contaminated Packaging

Container packaging may exhibit hazards. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity or other sources of ignition. Do not attempt to refill or clean containers without proper instructions.

Section 14: Transportation Information

DOT Hazard Class: Not Regulated

ICAO/IATA: Not Regulated

IMDG: Not Regulated

Section 15: Regulatory Information

15.1 US Federal Regulations

SARA 311/312 Hazards: No SARA Hazards

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313

United States Toxic Substances Control Act (TSCA) Inventory: All chemicals on this SDS are listed on this inventory

15.2 Inventory Status

Canadian Domestic Substances List (DSL) Inventory: All chemicals on this SDS are listed on this inventory

European Union (REACH): Contains an ingredient that may not be on the inventory.



Japan (ENCS): Contains an ingredient that may not be on the inventory.
Philippines (PICCS): Contains an ingredient that may not be on the inventory.
South Korea (ECL): Contains an ingredient that may not be on the inventory.
Australia (AICS): Contains an ingredient that may not be on the inventory.
China (IECSC): Contains an ingredient that may not be on the inventory.

Section 16: Other Information

US NFPA Codes



Health	Fire	Reactivity	Special
1	1	0	N/E

HMIS Codes

Health	1
Flammability	1
Physical Hazards	0

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