Magnalube, LLC.

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MAGNALUBE-G

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

GHS Product Identifier: Magnalube-G.
Product Type: Solid.
Product Code: MGPP, MG75, MG145, MG1LB, MG5LB, MG35LB, MG120LB, MG400LB.
SDS#: 1226.

Product Use: Industrial applications: Lubricants; grease.

Supplier's Details: Magnalube, LLC.
PO Box 201610
Arlington, TX 76006

Phone: 1-718-729-1000

Emergency Telephone:

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Date of Issue: 07/10/2024.

Magnalube® is a registered trademark of Magnalube, LLC., the exclusive manufacturer of Magnalube greases.

SECTION 2: HAZARDS IDENTIFICATION

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: Not classified.

GHS LABEL ELEMENTS:

Signal Word: No signal word.
Hazard Statements: No known significant effects or critical hazards.

PRECAUTIONARY STATEMENTS:

Prevention: Not applicable.
Response: Not applicable.

Storage: Not applicable.
Disposal: Not applicable.

Hazards not otherwise classified: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Mixture.
Other means of identification: Not available.

CAS NUMBER/OTHER IDENTIFIERS :

Ingredient name	%	CAS number
dihydro-3 (tetrapropenyl)furan-2, 5-dione	0.1-1%	26544-38-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS *(CONTINUED)*

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES :

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin Contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED :

POTENTIAL ACUTE HEALTH EFFECTS :
Eye Contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin Contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

OVER-EXPOSURE SIGNS/SYMPTOMS :
Eyes: No specific data.
Inhalation: No specific data.
Skin: No specific data.
Ingestion: No specific data.

SECTION 4: FIRST AID MEASURES *(CONTINUED)*

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY :

Specific Treatments: No specific treatment.
Notes to Physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Protection of First-Aiders: No action shall be taken involving any personal risk or without suitable training.

Note: See toxicological information (Section 11)

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA :

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media: None known.
Specific Hazards Arising from the Chemical: No specific fire or explosion hazard.
Hazardous Thermal Decomposition Products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides.
Special Precautions for Firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special Protective Equipment for Firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES :

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."

SECTION 6: ACCIDENTAL RELEASE MEASURES *(CONTINUED)*

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP :

Small spill: Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING :

Protective measures: Put on appropriate personal protective equipment *(see Section 8).*

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Note: See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials *(see Section 10)* and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Note: See Section 10 for incompatible materials before handling or use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS
OCCUPATIONAL EXPOSURE LIMITS :

None.

INDIVIDUAL PROTECTION MEASURES :

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side- shields.

SKIN PROTECTION :

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

APPEARANCE :
Physical State: Semi-solid (grease).
Color: Blue. Green.
Odor: Mild (or faint), Petroleum oil.
Odor threshold: Not available.
pH-Value: Not applicable.
Melting Point: Not applicable.
Boiling Point: Not applicable.
Flash Point: Not applicable.
Evaporation Rate: Not applicable.
Flammability (solid, gas): Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.
Lower and Upper Explosive (Flammable) Limits: Not applicable.
Vapor Pressure: Not available.
Vapor Density: Not available.
Relative Density: 0.89 g/cm^3.
Solubility: Insoluble in water.
Partition Coefficient n-octanol/Water: Not available.
Auto-Ignition Temperature: Not applicable.
Decomposition Temperature: Not applicable.
Viscosity: Kinematic (40°C (104°F)): >0.205 cm2/s (>20.5 cSt).
VOC: 0 g/L
VOC Method: ASTM E 1868

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: The product is stable.
Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous Polymerization: Will not occur.
Conditions to avoid: No specific data.
Incompatible materials: No specific data.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY :

Product/Ingredient Name	Result	Species	Dose	Exposure
1- Propene, 2-methyl-, Sulfurized	LC50 Inhalation Dusts and Mists	Rat	>6 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	8.6 g/kg	-

Conclusion/Summary: No known significant effects or critical hazards.

IRRITATION/CORROSION :

Conclusion/Summary:

Skin: No known significant effects or critical hazards.

Eyes: No known significant effects or critical hazards.

Respiratory: No known significant effects or critical hazards.

SENSITIZATION :

Conclusion/Summary:

Skin: No specific information is available in our database regarding the skin sensitizing properties of this product. Sensitization not suspected for humans.

Respiratory: Sensitization not suspected for humans.

MUTAGENICITY :

Conclusion/Summary: There are no data available on the mixture itself. Mutagenicity not suspected for humans.

CARCINOGENICITY :

Conclusion/Summary: There are no data available on the mixture itself. Carcinogenicity not suspected for humans.

REPRODUCTIVE TOXICITY :

Conclusion/Summary: There are no data available on the mixture itself. Not considered to be dangerous to humans, according to our database.

TERATOGENICITY :

Conclusion/Summary: There are no data available on the mixture itself. Teratogenicity not suspected for humans.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) : Not available.
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) : Not available.

ASPIRATION HAZARD :

Not available.

POTENTIAL ACUTE HEALTH EFFECTS :
Eye contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS :
Eye contact: No specific data.
Inhalation: No specific data.
Skin contact: No specific data.
Ingestion: No specific data.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE :

SHORT TERM EXPOSURE :
Potential immediate effects: Not available.
Potential delayed effects: Not available.

LONG TERM EXPOSURE :
Potential immediate effects: Not available.
Potential delayed effects: Not available.

POTENTIAL CHRONIC HEALTH EFFECTS :
Conclusion/Summary : No known significant effects or critical hazards.
General: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

NUMERICAL MEASURES OF TOXICITY
ACUTE TOXICITY ESTIMATES:

Product/Ingredient Name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Magnalube-G	N/A	189031.7	N/A	N/A	N/A
1- Propene, 2-Methyl-, sulfurized	8600	2500	N/A	N/A	N/A

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY

Product/Ingredient Name	Result	Species	Exposure
1- Propene, 2-Methyl-, sulfurized	EC50 > 1000 mg/l	Daphnia	2 days
	LC50 > 1000 mg/l	Fish	4 daysd

Conclusion/Summary: There are no data available on the mixture itself.

AQUATIC AND TERRESTRIAL TOXICITY:
Conclusion/Summary: There is no data available on the preparation itself.

PERSISTENCE AND DEGRADABILITY:

Product/Ingredient Name	Test	Result	Dose	Inoculum
1- Propene, 2-Methyl-, sulfurized	-	0.3% - 28 days	-	-

Conclusion/Summary: Not readily biodegradable. This product is not expected to bioaccumulate through food chains in the environment.

Product/Ingredient Name	Aquatic half-life	Photolysis	Biodegradability
Magnalube-G	-	-	Not readily available
1- Propene, 2-Methyl-, sulfurized	-	-	Not readily available

Conclusion/Summary: Not readily biodegradable. This product is not expected to bioaccumulate through food chains in the environment.

BIOACCUMULATIVE POTENTIAL : Not available.

MOBILITY IN SOIL :
Soil/Water Partition coefficient (K_{OC}): Not available.
Other Adverse Effects: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS :

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed or untreated to the sewer unless fully compliant with requirements of authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

SECTION 14: TRANSPORT INFORMATION

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
UN proper shipping name	–	–	–	–	–	–
Transport hazard class(es)	–	–	–	–	–	–
Packing group	–	–	–	–	–	–
Environmental hazards	No	No	No	No	No	No

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments: Not available.

SECTION 15: REGULATORY INFORMATION

U.S. Federal regulations: **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined
United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed.

Clean Air Act Section 602: Class I Substances Not listed.

Clean Air Act Section 602 Class II Substances: Not listed.

DEA List I Chemicals: (Precursor Chemicals) Not listed.

DEA List II Chemicals: (Essential Chemicals) Not listed.

SARA 302/304
Composition/information on ingredients:
No products were found.

SARA 304 RQ: Not applicable.

SARA 311/312
Classification: Not applicable.

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	No listed substance		
Supplier notification	No listed substance		

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

STATE REGULATIONS :
Connecticut Carcinogen Reporting: None of the components are listed.
Connecticut Hazardous Material Survey: None of the components are listed.
Florida substances: None of the components are listed.
Illinois Chemical Safety Act: None of the components are listed.
Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.
Louisiana Reporting: None of the components are listed.
Louisiana Spill: None of the components are listed.
Massachusetts Spill: None of the components are listed.
Massachusetts Substances: None of the components are listed.
Michigan Critical Material: None of the components are listed.
Minnesota Hazardous Substances: None of the components are listed.
New Jersey Spill: None of the components are listed.
New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.
New Jersey Hazardous Substances: None of the components are listed.
New York Acutely Hazardous Substances: None of the components are listed.
New York Toxic Chemical Release Reporting: None of the components are listed.
Pennsylvania RTK Hazardous Substances: None of the components are listed.
Rhode Island Hazardous Substances: None of the components are listed.

California Prop. 65 :
None of the components are listed.

INTERNATIONAL REGULATIONS :

Chemical Weapon Convention List Schedules I, II & III :
Not listed.

Montreal Protocol (Annexes A, B, C, E) :
Not listed.

Stockholm Convention on Persistent Organic Pollutants :
Not listed.

Rotterdam Convention on Prior Informed Consent (PIC) :
Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals :
Not listed.

INTERNATIONAL INVENTORY LISTS

National inventory :
Australia: Not determined.
China: All components are listed and exempted.
Europe: All components are listed or exempted.
Japan: All components are listed and exempted.
Malaysia: Not determined.
New Zealand: Not determined.
Philippines: Not determined.
Republic of Korea: All components are listed or exempted.
Taiwan: All components are listed and exempted.

CANADA

WHMIS (Canada): Not controlled under Workplace Hazardous Materials Information System (WHMIS, Canada).

CANADIAN LISTS

Canadian NPRI: None of the components are listed.
CEPA Toxic substances: None of the components are listed.
Canada inventory; DSL/ NDSL: At least one component is not listed in DSL but all such components are listed in NDSL.

RISK PHRASES:

Risk Phrases Applicable in the European Union (EU): Classification per manufacturer.
R-52 Harmful to aquatic organisms.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

SECTION 16: OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)

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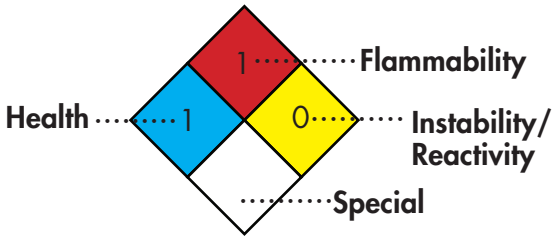
Health	1
Flammability	1
Physical Hazards	0

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.



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Regulatory Department, Magnalube, LLC.

KEY TO ABBREVIATIONS :

ATE = Acute Toxicity Estimate.
BCF = Bioconcentration Factor.
GHS = Globally Harmonized System of Classification and Labelling of Chemicals.
IATA = International Air Transport Association.
IBC = Intermediate Bulk Container.
IMDG = International Maritime Dangerous Goods.
LogPow = logarithm of the octanol/water partition coefficient.
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations.

SECTION 16: OTHER INFORMATION *(CONTINUED)*

NFPA-HMIS HAZARD RATING :

Health: Irritation, minor residual injury (1) - HMIS/NFPA.
Flammability: Burns only if pre-heated (1) - HMIS/NFPA.
Reactivity: Normally Stable (0) - HMIS/NFPA.
NPCA HMIS Hazard Index: Slight; Slightly Toxic - May cause slight irritation (1).
Personal Protection Index: B - Safety Eyewear and Gloves.
NPCA HMIS Flammability Index: Burns only if pre-heated (1).
Tariff Code (Schedule B): 2710.19.3750 Lubricating greases, with or without additives.

NOTICE TO READER :
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.