



Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

1. Identification

Product identifier used on the label: **MAG 1 TO-4 50 5GL**

Product Code: MAG65846

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Transmission Fluid

Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Highline Warren LLC
4500 Malone Road
Memphis, TN 38118

Phone number: +01 (901) 437-8615

E-mail address: sds@highlinewarren.com

Emergency phone number: CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Reproductive Toxicity Category 1B

Signal Word: Danger

Hazard Statements: May damage fertility or the unborn child.

Precautionary Statements:

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If exposed or concerned: Get medical advice/attention.

Storage: Store locked up.

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

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Petroleum distillates, hydrotreated heavy paraffinic	No data available	64742-54-7	30 - 60
Residual oils, petroleum, solvent-dewaxed	No data available	64742-62-7	30 - 60
Phosphorodithioc acid, O,O-di-C1-14-alkyl esters zinc salts	No data available	68649-42-3	1 - 5
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	No data available	68784-26-9	1 - 5
Petroleum distillates, solvent-refined heavy paraffinic	No data available	64741-88-4	0.1 - 1
Phenol, (tetrapropenyl) derivatives	No data available	74499-35-7	0.1 - 1
Highly refined synthetic base stocks	No data available	64742-54-7	0.1 - 1

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eye Contact:	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

Most important symptoms/effects, acute and delayed: None known.

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

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

If exposed or concerned: Get medical advice/attention.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

Unsuitable extinguishing media:

No data available

Specific hazards arising from the chemical:

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Hazardous combustion products:

Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for fire-fighters:

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

No health affects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

Methods and materials for containment and cleaning up:

No special spill clean up considerations. Collect and discard in regular trash.

7. Handling and storage

Precautions for safe handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Store locked up.

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents

Safety Data Sheet

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Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH	US WEEL
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEL	No data available	No data available
Highly refined synthetic base stocks	5 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEL	No data available	No data available

Appropriate engineering controls: Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye protection: Wear safety glasses when handling this product if there is a likelihood of contact with eyes.

Skin protection: Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Neoprene, Nitrile

General hygiene conditions: Wear protective gloves/protective clothing/eye protection/face protection.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Brown

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

Odor:	MildPetroleum
Odor Threshold:	Not determined
pH:	No data available
Melting point/freezing point:	
Melting Point:	No data available
Freezing point:	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point (°C):	232
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not established
Lower flammability or explosive limits:	Not established
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.89
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	226.6

10. Stability and reactivity

Reactivity:	There are no known reactivity hazards associated with this product.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None expected under standard conditions of storage.
Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation).
Incompatible materials:	Strong oxidizing agents

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

Hazardous decomposition products: No data available

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Eye contact, Ingestion, Inhalation, Skin contact

Symptoms related to the physical, chemical and toxicological characteristics: None known.

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion: No hazard in normal industrial use. Estimated to be > 5.0 g/kg.

Skin Contact: This material is likely to be slightly irritating to skin based on animal data. Likely to be non-irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis.

Inhalation: No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.

Eye Contact: This material is likely to be slightly irritating to eyes based on animal data. Can cause minor irritation, tearing and reddening.

Sensitization: Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Carcinogenicity: Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

Reproductive toxicity: Contains a substance(s) that is a possible reproductive system hazard based on high dose tests with laboratory animals.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Other information: None known.

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

Numerical measures of toxicity (such as acute toxicity estimates) Based on available data, the classification criteria are not met.

Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer.			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

Slight ecological hazard. In high concentrations, this product may be dangerous to plants and/or wildlife.

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Highly refined synthetic base stocks	64742-54-7	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Phosphorodithioc acid, O,O-di-C1-14-alkyl esters zinc salts	68649-42-3	EC50 (48h) Daphnia magna 1 - 1.5 mg/L	No data available	LC50 (96h) Pimephales promelas (Fathead Minnow) 1 - 5 mg/L
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	68784-26-9	EC50 (48h) Daphnia magna 4.9 mg/L	No data available	LC50 (96h) Pimephales promelas (Fathead Minnow) 72.3 mg/L
Residual oils, petroleum, solvent-dewaxed	64742-62-7	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L

Persistence and degradability:

Biodegrades slowly.

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

Bioaccumulative potential:	Bioconcentration may occur.
Mobility in soil:	This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.
Other adverse effects (such as hazardous to the ozone layer):	None known.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:	Dispose of contents and container in accordance with local/regional/national/international regulations.
Contaminated packaging:	Recycle containers whenever possible.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

International carriage of dangerous goods by sea (IMDG/IMO):

UN number:	Not regulated by IMDG
UN Proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group, if applicable:	Not applicable

International carriage of dangerous goods by air (IATA):

UN number:	Not regulated by IATA
UN Proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group, if applicable:	Not applicable

Environmental hazards (e.g., Marine pollutant (Yes/No)): None.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

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Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

TSCA Status: All components of this material are on the Active US TSCA Inventory or are exempt.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Residual oils, petroleum, solvent-dewaxed	64742-62-7	N	N	N	N
Phosphorodithioc acid, O,O-di-C1-14-alkyl esters zinc salts	68649-42-3	N	N	N	N
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	68784-26-9	N	N	N	N
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	N	N	N	N
Highly refined synthetic base stocks	64742-54-7	N	N	N	N
Phenol, (tetrapropenyl) derivatives	74499-35-7	N	N	N	N

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Petroleum distillates, hydrotreated heavy	64742-54-7	N	N	N	N

Safety Data Sheet

Product identifier used on the label: MAG 1 TO-4 50 5GL

Product Code: MAG65846

Revision Date: 03-10-2022

Replaces:

paraffinic					
Residual oils, petroleum, solvent-dewaxed	64742-62-7	N	N	N	N
Phosphorodithioc acid, O,O-di-C1-14-alkyl esters zinc salts	68649-42-3	N	N	N	N
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	68784-26-9	N	N	N	N
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	N	N	N	N
Highly refined synthetic base stocks	64742-54-7	N	N	N	N
Phenol, (tetrapropenyl) derivatives	74499-35-7	N	N	N	N

California Prop 65

No ingredient(s) requiring a warning under California Prop 65.

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N	N
Residual oils, petroleum, solvent-dewaxed	64742-62-7	N	N	N	N	N
Phosphorodithioc acid, O,O-di-C1-14-alkyl esters zinc salts	68649-42-3	N	N	N	N	N
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	68784-26-9	N	N	N	N	N
Petroleum distillates, solvent-refined	64741-88-4	N	N	N	N	N

Safety Data Sheet

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Revision Date: 03-10-2022

Replaces:

heavy paraffinic						
Highly refined synthetic base stocks	64742-54-7	N	N	N	N	N
Phenol, (tetrapropenyl) derivatives	74499-35-7	N	N	N	N	N

16. Other information, including date of preparation or last revision.

SDS Prepared by: MCHONGOOFAFA

Revision Date: 03-10-2022

Revision Number: 1

Reason for revision: NEW FORMULA

References: No data available

Other Info: No data available

Disclaimer: This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.