

Product identifier used on the label: MAG 1 HD ATF 3/1G

Product Code: MAG67077 Revision Date: 10-06-2023 Replaces: 09-07-2023

1. Identification

Product identifier used on the label: MAG 1 HD ATF 3/1G

Product Code: MAG67077
Other means of identification: MAG167077

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use:Automatic 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: Skin Sensitizer Category 1

Signal Word: Warning

Hazard Statements: May cause an allergic skin reaction

Precautionary Statements:

Prevention: Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work

clothing must not be allowed out of the workplace. Wear protective

gloves/protective clothing/eye protection/face protection.

Response: If on skin: Wash with plenty of water. Specific treatment (see Sections 4 -

8 of Safety Data Sheet). If skin irritation or rash occurs: Get medical

advice/attention. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container in accordance with

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local/regional/national/international regulations.

Hazards not otherwise classified:No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS#	%
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil- based	No data available	72623-87-1	45 - 70
1-Decene, homopolymer, hydrogenated	No data available	68037-01-4	5 - 10
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil- based	No data available	72623-86-0	5 - 10
Highly refined synthetic base stocks	No data available	64742-54-7	1 - 5
Distillates, petroleum, solvent- dewaxed light paraffinic	No data available	64742-56-9	1 - 5
Petroleum distillates, hydrotreated heavy paraffinic	No data available	64742-54-7	1 - 5
Distillates, petroleum, solvent- dewaxed heavy paraffinic	No data available	64742-65-0	1 - 5
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	No data available	EPA-ACC-17799	1 - 5
Benzenamine, ar-nonyl-N- (nonylphenyl)-	No data available	36878-20-3	1 - 5
3- (Decyloxy)tetrahydrothiophene 1,1-dioxide	No data available	Confidential	1 - 5
Petroleum distillates, hydrotreated light naphthenic	No data available	64742-53-6	0.5 - 1
Long chain alkyl amine thiophosphate	No data available	ACC # 251617	0.5 - 1
Long chain alkyl amine alkylene amine	No data available	64051-50-9	0.5 - 1
Distillates, petroleum, hydrotreated light paraffinic	No data available	64742-55-8	0.5 - 1

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Chemical Name	Common name and synonyms	CAS#	%
Alcohols, C9-11-iso, C10-rich	No data available		~ 100 0.1 - 0.5

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: Flush eyes with plenty of water for at least 20 minutes retracting eyelids

often. Tilt the head to prevent chemical from transferring to the

uncontaminated eye. Get immediate medical attention.

Skin Contact: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get

medical advice/attention. Specific treatment (see Sections 4 - 8 of Safety

Data Sheet). Wash contaminated clothing before reuse.

Ingestion: Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical

attention immediately. Provide medical care provider with this SDS.

Most important symptoms/effects,

acute and delayed:

Itching of the skin. Skin rashes Eye irritation. May cause mild skin

irritation.

Indication of immediate medical

attention and special treatment

needed, if necessary:

Specific treatment (see Sections 4 - 8 of Safety Data Sheet).

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 monoxide, Sulfur containing gases, Nitrogen containing gases,

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oxides of phosphorus, Hydrogen sulfide

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: Mildly irritating material. Avoid unnecessary exposure. Follow all

protective equipment recommendations provided in Section 8.

Conditions for safe storage, including

any incompatibilities:

Safe storage conditions: Store in a cool dry place. Isolate from incompatible materials.

Materials to Avoid/Chemical

Incompatibility:

Strong oxidizing agents

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
Lubricating oils (petroleum), C20-50,	5 mg/m3 TWA	5 mg/m3 TWA	10 mg/m3 STEL	No data available	No data available
hydrotreated neutral oil- based					
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil- based	5 mg/m3 TWA	5 mg/m3 TWA	10 mg/m3 STEL	No data available	No data available
Highly refined synthetic	5 mg/m3 TWA	5 mg/m3 TWA	10 mg/m3 STEL	No data	No data

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base stocks				available	available
Distillates, petroleum,	5 mg/m3 TWA	5 mg/m3 TWA	10 mg/m3 STEL	No data	No data
solvent-dewaxed heavy				available	available
paraffinic					
Petroleum distillates,	5 mg/m3 TWA	5 mg/m3 TWA	10 mg/m3 STEL	No data	No data
hydrotreated heavy	_	_	-	available	available
paraffinic					

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: Avoid breathing dust/fume/gas/mist/ vapors/spray.

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 chemically resistant safety glasses with side shields when handling

this product. Do not wear contact lenses.

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: Nitrile

General hygiene conditions: Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face

protection.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid Color: Red

Odor: Mild Petroleum
Odor Threshold: Not determined
pH: No data available

Melting point/freezing point:

Melting Point:No data availableFreezing point:No data available

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Initial boiling point and boiling range

No data available

(°C):

220 Flash Point (°C):

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

0.85 Relative density:

Solubility(ies): Not determined Partition coefficient: n-octanol/water: No data available **Auto-ignition temperature:** No data available **Decomposition Temperature:** Not determined

Viscosity: 35.01

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 Temperatures above the high flash point of this combustible material in

discharge, shock, or vibration): combination with sparks, open flames, or other sources of ignition.

Moisture (will lead to product performance degradation).

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Carbon monoxide, Sulfur containing gases, Nitrogen containing gases,

oxides of phosphorus, Hydrogen sulfide

11. Toxicological information

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

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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:

Itching of the skin. Skin rashes Eye irritation. May cause mild skin

irritation.

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: The material is likely to be moderately irritating to eyes based on animal

data. This material is likely to be non-irritating to eyes based on animal data. Can cause moderate irritation, tearing and reddening, but not likely

to permanently injure eye tissue.

Sensitization: May cause an allergic skin reaction.

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 toxicityNot known or reported to cause reproductive or developmental toxicity.

STOT-single exposure:

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

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.

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

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Is the hazardous chemical is 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):

Severe ecological hazard. This product may be toxic to plants and/or wildlife.

Ecological Toxicity Data:

Chemical Name	CAS#	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Long chain alkyl amine alkylene amine	64051-50-9	EC50 (48h) Daphnia magna 73.4 mg/L	Aquatic ERC50 (72h) Pseudokirchneriella subcapitata > 100 mg/L	LC50 (96h) Rainbow Trout > 100 mg/L
Long chain alkyl amine thiophosphate	ACC # 251617	No data available	Aquatic ERC50 (72h) Green Algae 22 mg/L	No data available
Distillates, petroleum, hydrotreated light paraffinic	64742-55-8	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
3- (Decyloxy)tetrahydrothioph ene 1,1-dioxide	Confidential	EC50 (48h) Daphnia magna 4.6 mg/L	Aquatic ERC50 (72h) Green Algae 63 mg/L	LC50 (96h) Rainbow Trout 2.4 mg/L
Benzenamine, ar-nonyl-N- (nonylphenyl)-	36878-20-3	EC50 (48h) Daphnia magna > 100 mg/L	EC50 (72h) Green Algae > 100 mg/L	LC50 (96h) Pimephales promelas (Fathead Minnow) > 1000 mg/L
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Petroleum distillates,	64742-54-7	EC50 (48h) Daphnia	No data available	LC50 (96h)

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hydrotreated heavy paraffinic		magna > 1000 mg/L		Rainbow Trout > 5000 mg/L
Distillates, petroleum, solvent-dewaxed light paraffinic	64742-56-9	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
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
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
1-Decene, homopolymer, hydrogenated	68037-01-4	EC50 (48h) Daphnia magna 190 mg/L	No data available	LC50 (96h) Rainbow Trout > 1000 mg/L
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L

Persistence and degradability:Biodegrades slowly.

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:

DOT Basic Description:Not regulated for road transport

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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

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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	N	N	N	N
1-Decene, homopolymer,	68037-01-4	N	N	N	N

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			1		
hydrogenated					
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	N	N	N	N
Highly refined synthetic base stocks	64742-54-7	N	N	N	N
Distillates, petroleum, solvent- dewaxed light paraffinic	64742-56-9	N	N	N	N
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	N	N	N	N
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
3- (Decyloxy)tetrahydro thiophene 1,1- dioxide	Confidentia I	N	N	N	N
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	EPA-ACC- 17799	N	N	N	N
Benzenamine, ar- nonyl-N- (nonylphenyl)-	36878-20-3	N	N	N	N
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	N	N	N	N
Long chain alkyl amine alkylene amine	64051-50-9	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	N	N	N	N
Distillates, petroleum,	64742-55-8	N	N	N	N

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hydrotreated light			
paraffinic			

Chemical Name	CAS#	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	N	N	N	N
1-Decene, homopolymer, hydrogenated	68037-01-4	N	N	N	N
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	N	N	N	N
Highly refined synthetic base stocks	64742-54-7	N	N	N	N
Distillates, petroleum, solvent- dewaxed light paraffinic	64742-56-9	N	N	N	N
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	N	N	N	N
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
3- (Decyloxy)tetrahydro thiophene 1,1- dioxide	Confidentia I	N	N	N	N
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	EPA-ACC- 17799	N	N	N	N
Benzenamine, ar-	36878-20-3	N	N	N	N

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nonyl-N- (nonylphenyl)-					
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	N	N	N	N
Long chain alkyl amine alkylene amine	64051-50-9	N	N	N	N
Long chain alkyl amine thiophosphate	ACC # 251617	N	N	N	N
Distillates, petroleum, hydrotreated light paraffinic	64742-55-8	N	N	N	N

California Prop 65

This product can expose you to chemicals including Sulfur Dioxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name	CAS#	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	N	N	N	N	N
1-Decene, homopolymer, hydrogenated	68037-01-4	N	N	N	N	N
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	N	N	N	N	N
Highly refined synthetic base stocks	64742-54-7	N	N	N	N	N
Distillates, petroleum, solvent- dewaxed light paraffinic	64742-56-9	Υ	N	N	N	N
Distillates, petroleum, solvent-	64742-65-0	N	N	N	N	N

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					·	
dewaxed heavy						
paraffinic						
Petroleum distillates,	(4740 54 7	N	N.	N.	N.	N.
hydrotreated heavy paraffinic	64742-54-7	N	N	N	N	N
3-						
(Decyloxy)tetrahydro	Confidentia					
thiophene 1,1-	I	N	N	N	N	N
dioxide						
Amines,						
polyethylenepoly-,						
reaction products	EPA-ACC- 17799	N	N	N	N	N
with succinic						
anhydride						
polyisobutenyl						
derivs., borated						
Benzenamine, ar-						
nonyl-N-	36878-20-3	N	N	N	N	N
(nonylphenyl)-	00070 20 0					.,
Petroleum distillates,						
hydrotreated light	64742-53-6	Υ	N	N	N	N
naphthenic						
Long chain alkyl						
amine alkylene	64051-50-9	N	N	N	N	N
amine						
Long chain alkyl	ACC #	NI	N	NI	N I	NI
amine thiophosphate	251617	N	N	N	N	N
Distillates,						
petroleum,	64742-55-8	Υ	N	N	N	N
hydrotreated light	04/42-55-8	Y	IN IN	IN IN	IN IN	IN
paraffinic						

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

SDS Prepared by: CDURSTON Revision Date: 10-06-2023

Revision Number: 7

Reason for revision: Activated by Document Formulation Generation

References:No data available

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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.

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