

Safety Data Sheet

Product identifier used on the label: **MAG 1 OCT TRT 12/12 #157**

Stock Number: MAG00157

Revision Date: 10-10-2017

Replaces:

1. Identification

Product identifier used on the label: **MAG 1 OCT TRT 12/12 #157**
Stock Number: MAG00157

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Fuel Additive

Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Warren Distribution, Inc.
950 S. 10th St., Suite 300
Omaha, NE 68108-3296

Phone number: +01 (800) 825-1235 +01 (402) 341-9397

E-mail address: sds@wd-wpp.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:

Germ Cell Mutagenicity Category 1B

Carcinogenicity Category 1A

Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 1

Aspiration Hazard Category 1

Hazardous to the aquatic environment - Acute Category 1

Hazardous to the aquatic environment - Chronic Category 1

Skin Corrosion/Irritation Category 2

Reproductive Toxicity Category 2

Flammable Liquid Category 3

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Acute Toxicity - Inhalation Dust / Mist Category 3

Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

Signal Word:

Danger

Hazard Statements:

Flammable liquid and vapor; May be fatal if swallowed and enters airways; Causes skin irritation; Toxic if inhaled; May cause respiratory irritation; May cause drowsiness or dizziness; May cause genetic defects.; May cause cancer.; Suspected of damaging fertility or the unborn child.; Causes damage to organs through prolonged or repeated exposure; Very toxic to aquatic life; Very toxic to aquatic life with long lasting effects

Precautionary Statements:

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF SWALLOWED: Immediately call a POISON CENTER/doctor. If on skin: Wash with plenty of water. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor. Specific treatment (see Sections 4 - 8 of Safety Data Sheet). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use to extinguish. Collect spillage.

Storage:

Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:

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

Hazards not otherwise classified:

No data available

3. Composition/information on ingredients

Chemical Name	Common name and	CAS #	%
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	synonyms		
Distillates, petroleum, straight-run middle	No data available	64741-44-2	90 - 99
Distillates, petroleum, hydrodesulfurized middle	No data available	64742-80-9	90 - 99
Distillates, petroleum, hydrodesulfurized light catalytic cracked	No data available	68333-25-5	90 - 99
Kerosene	No data available	8008-20-6	90 - 99
Kerosine, petroleum, hydrodesulfurized	No data available	64742-81-0	15 - 40
Light hydrocracked distillate	No data available	64741-77-1	10 - 30
Naphthalene	No data available	91-20-3	1 - 5
Xylene	No data available	1330-20-7	1 - 5
Toluene	No data available	108-88-3	0.1 - 1
Ethylbenzene	No data available	100-41-4	0.1 - 1
Benzene	No data available	71-43-2	0.1 - 1

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

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:** If inhaled: Remove person to fresh air and keep comfortable for breathing.
- 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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Ingestion:

Most important symptoms/effects, acute and delayed:

May be fatal if swallowed and enters airways Causes skin irritation Toxic if inhaled May cause respiratory irritation May cause drowsiness or dizziness Causes damage to organs through prolonged or repeated exposure

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

Call a poison center/doctor/... 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, dry chemical, or water spray 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 fire. Do not direct a water stream directly into the hot burning liquid.

Unsuitable extinguishing media: No data available

Specific hazards arising from the chemical: No data available

Hazardous combustion products: Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for fire-fighters: In case of fire: Use to extinguish.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Avoid release to the environment.

Methods and materials for containment and cleaning up: Collect spillage.

7. Handling and storage

Precautions for safe handling: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. 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 in a well-ventilated place. Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

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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
Kerosene	No PEL	200 mg/m ³ TWA (application restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon vapor)	No STEL	No data available
Distillates, petroleum, hydrodesulfurized middle	5 mg/m ³	5 mg/m ³	10 mg/m ³	No data available
Kerosine, petroleum, hydrodesulfurized	No PEL	200 mg/m ³ TWA (application restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon vapor)	No STEL	No data available
Naphthalene	10 ppm TWA; 50 mg/m ³ TWA	10 ppm TWA	15 ppm STEL	250 ppm IDLH
Xylene	100 ppm TWA; 435 mg/m ³ TWA	100 ppm TWA	150 ppm STEL	No data available
Toluene	200 ppm TWA	20 ppm TWA	No STEL	500 ppm IDLH
Benzene	10 ppm TWA (applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028); 1 ppm TWA	0.5 ppm TWA	2.5 ppm STEL	500 ppm IDLH
Ethylbenzene	100 ppm TWA; 435 mg/m ³ TWA	20 ppm TWA	No STEL	800 ppm IDLH (10% LEL)

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Appropriate engineering controls: Use only outdoors or in a well-ventilated area. Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Do not breathe dust/fume/gas/mist/vapors/spray.

Respirator Type(s): If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Eye protection: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

Skin protection: Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Nitrile, Neoprene

General hygiene conditions: Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Amber

Odor: Mild

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): 150

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Flash Point (°C):	40.6
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	5
Lower flammability or explosive limits:	0.7
Vapor pressure:	= 10 - 210 MMHG > 3 MMHG
Vapor density:	3.66 4.42
Relative density:	0.81
Solubility(ies):	Negligible
Partition coefficient: n-octanol/water:	3.118 2.65 3.3
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	1.4 cSt @ 40°C
Volatile organic compound (VOC) content and percentage of volatiles:	0.000000

10. Stability and reactivity

Reactivity:	
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 flash point in combination with sparks, open flames, or other sources of ignition.
Incompatible materials:	Strong oxidizing agents
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)	Inhalation Skin contact
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and eye contact):

Symptoms related to the physical, chemical and toxicological characteristics:

May be fatal if swallowed and enters airways Causes skin irritation Toxic if inhaled May cause respiratory irritation May cause drowsiness or dizziness Causes damage to organs through prolonged or repeated exposure

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

Ingestion Toxicity:

Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Skin Contact:

Causes skin irritation

Absorption:

Likely to be practically non-toxic based on animal data.

Inhalation Toxicity:

Toxic if inhaled May cause respiratory irritation

Eye Contact:

This material is likely to be non-irritating to eyes based on animal data.

Sensitization:

No data available

Mutagenicity:

Mutagenic affects in humans may occur.

Carcinogenicity:

Contains a known human carcinogen.

STOT-single exposure:

Classification has been based on toxicological information of the components in Section 3.

STOT-repeated exposure:

Classification has been based on toxicological information of the components in Section 3.

Aspiration hazard:

Classification has been based on toxicological information of the components in Section 3.

Other information:

No data available

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Toluene	OLD50 Rat 636 mg/kg	Dermal LD50 Rabbit 8390 mg/kg	Inhalation LC50 (4h) Rat 12.5 mg/L Inhalation LC50 (1h) Rat > 26700 ppm
Ethylbenzene	OLD50 Rat 3500 mg/kg	Dermal LD50 Rabbit 15354 mg/kg	Inhalation LC50 (4h) Rat 17.2 mg/L
Benzene	OLD50 Rat > 930 mg/kg	Dermal LD50 Rabbit > 8260 mg/kg	Inhalation LC50 (4h) Rat 13050 - 14380 ppm

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Xylene	OLD50 Rat 4300 mg/kg	Dermal LD50 Rabbit > 1700 mg/kg	Inhalation LC50 (4h) Rat 47635 mg/L
Naphthalene	OLD50 Rat 490 mg/kg	Dermal LD50 Rabbit > 20000 mg/kg	Inhalation LC50 (1h) Rat > 340 MG/M3
Light hydrocracked distillate	OLD50 Rat 3200 mg/kg	Dermal LD50 Rat > 2000 mg/kg Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 4.65 mg/L
Kerosine, petroleum, hydrodesulfurized	OLD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.2 mg/L
Distillates, petroleum, straight-run middle	OLD50 Rat 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 1700 MG/M3
Distillates, petroleum, hydrodesulfurized middle	OLD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 4600 MG/M3
Distillates, petroleum, hydrodesulfurized light catalytic cracked	OLD50 Rat 3200 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 4.65 mg/L
Kerosene	OLD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.28 mg/L

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
Benzene	Y	Y	Y
Ethylbenzene	Y	Y	N
Naphthalene	Y	Y	Y

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Toluene	108-88-3	Aquatic LC50 (48h) 11.5 mg/L	> 433 mg/L	Aquatic LC50 (96h) 5.89 - 7.81 mg/L
Benzene	71-43-2	8.76 - 15.6 mg/L	29 mg/L	Aquatic LC50 (96h) 5.3 mg/L
Ethylbenzene	100-41-4	1.8 - 2.4 mg/L	4.6 mg/L	Aquatic LC50 (96h) Rainbow Trout 11 - 18 mg/L

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Replaces:

Xylene	1330-20-7	3.28 mg/L	No data available	15 mg/L
Naphthalene	91-20-3	= 2.16 mg/L	0.4 mg/L	Aquatic LC50 (96h) Rainbow Trout 1.6 mg/L
Light hydrocracked distillate	64741-77-1	No data available	No data available	Aquatic LC50 (96h) 7.3 mg/L
Kerosine, petroleum, hydrodesulfurized	64742-81-0	4720 mg/L	No data available	Aquatic LC50 (96h) 45 mg/L
Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	No data available	No data available	Aquatic LC50 (96h) 7.3 mg/L
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	No data available	No data available	Aquatic LC50 (96h) 35 mg/L

Persistence and degradability: No data available

Bioaccumulative potential: Bioconcentration is not expected to occur.

Mobility in soil: This material is expected to have high mobility in soil. It absorbs weakly to most soil types.

Other adverse effects (such as hazardous to the ozone layer): No data available

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.

Waste codes / waste designations: D001

Contaminated packaging: Empty containers may contain residues. Dispose of in the same way as waste product.

14. Transport information

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

UN number: UN1993

UN Proper shipping name: FLAMMABLE LIQUIDS, N.O.S

Transport hazard class(es): 3

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Replaces:

Packing group, if applicable: III
DOT Basic Description: No data available

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

UN number: UN1993
UN Proper shipping name: FLAMMABLE LIQUIDS, N.O.S
Transport hazard class(es): 3
Packing group, if applicable: III

International carriage of dangerous goods by air (IATA):

UN number: UN1993
UN Proper shipping name: FLAMMABLE LIQUIDS, N.O.S
Transport hazard class(es): 3
Packing group, if applicable: III

Environmental hazards (e.g., Marine pollutant (Yes/No)): Yes

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 US TSCA Inventory or are exempt.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Distillates, petroleum, straight-run middle	64741-44-2	N	N	N	N
Kerosene	8008-20-6	N	N	N	N

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Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	N	N	N	N
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	N	N	N	N
Kerosine, petroleum, hydrodesulfurized	64742-81-0	N	N	N	N
Light hydrocracked distillate	64741-77-1	N	N	N	N
Naphthalene	91-20-3	Y	N	Y	Y
Xylene	1330-20-7	Y	N	Y	Y
Toluene	108-88-3	Y	N	Y	Y
Benzene	71-43-2	Y	N	Y	Y
Ethylbenzene	100-41-4	Y	N	Y	Y

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Distillates, petroleum, straight-run middle	64741-44-2	N	N	N	N
Kerosene	8008-20-6	N	N	N	N
Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	N	N	N	N
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	N	N	N	N
Kerosine, petroleum, hydrodesulfurized	64742-81-0	N	N	N	N
Light hydrocracked distillate	64741-77-1	N	N	N	N
Naphthalene	91-20-3	Y	N	N	N
Xylene	1330-20-7	N	N	N	N

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Toluene	108-88-3	N	Y	N	N
Benzene	71-43-2	Y	Y	N	Y
Ethylbenzene	100-41-4	Y	N	N	N

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Distillates, petroleum, straight-run middle	64741-44-2	N	N	N	N	N
Kerosene	8008-20-6	Y	Y	Y	N	N
Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	N	N	N	N	N
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	N	N	N	N	N
Kerosine, petroleum, hydrodesulfurized	64742-81-0	N	N	N	N	N
Light hydrocracked distillate	64741-77-1	N	N	N	N	N
Naphthalene	91-20-3	Y	Y	Y	N	Y
Xylene	1330-20-7	Y	Y	Y	N	Y
Toluene	108-88-3	Y	Y	Y	N	Y
Benzene	71-43-2	Y	Y	Y	N	Y
Ethylbenzene	100-41-4	Y	Y	Y	N	Y

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

SDS Prepared by:	CHOLMES
Revision Date:	10-10-2017
Revision Number:	4
Reason for revision:	NEW VERSION
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. No warranty is made, either expressed or implied.