



Safety Data Sheet

Product identifier used on the label: MAG SYN 2CYC 63119 12/2.6

Stock Number: MAG63119

Revision Date: 06-10-2018

Replaces:

1. Identification

Product identifier used on the label: MAG SYN 2CYC 63119 12/2.6

Stock Number: MAG63119

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Two Cycle Engine Oil

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

Skin Corrosion/Irritation Category 2

Reproductive Toxicity Category 2

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

Acute Toxicity - Inhalation Dust / Mist Category 4

Signal Word:

Danger

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Hazard Statements: Causes skin irritation; Harmful 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

Precautionary Statements:

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

Response: If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor/.../if you feel unwell. Specific treatment (see Sections 4 - 8 of Safety Data Sheet). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage: Store in a well-ventilated place. Keep container tightly closed. 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 synonyms	CAS #	%
Distillates, petroleum, straight-run middle	No data available	64741-44-2	10 - 30
Distillates, petroleum, hydrodesulfurized middle	No data available	64742-80-9	10 - 30
Distillates, petroleum, hydrodesulfurized light catalytic cracked	No data available	68333-25-5	10 - 30
Kerosene	No data available	8008-20-6	10 - 30
Kerosine, petroleum, hydrodesulfurized	No data available	64742-81-0	7 - 13
Light hydrocracked distillate	No data available	64741-77-1	5 - 10
Naphthalene	No data available	91-20-3	0.1 - 1

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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: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
- Ingestion:** Seek medical attention immediately or call the Poison control center. Do not induce vomiting. If patient is fully conscious, give up to two glasses of water. Provide medical care provider with this SDS.

- Most important symptoms/effects, acute and delayed:** Causes skin irritation. Harmful if inhaled May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure.
- Indication of immediate medical attention and special treatment needed, if necessary:** Call a poison center/doctor/.../if you feel unwell. Specific treatment (see Sections 4 - 8 of Safety Data Sheet). 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** No data available

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chemical:

Hazardous combustion products: Carbon monoxide, Sulfur containing gases, Nitrogen containing gases, Aldehydes, 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: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

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

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)	No STEL	No data available

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		restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon vapor)		
Distillates, petroleum, hydrodesulfurized middle	5 mg/m3	5 mg/m3	10 mg/m3	No data available
Kerosine, petroleum, hydrodesulfurized	No PEL	200 mg/m3 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/m3 TWA	10 ppm TWA	No STEL	250 ppm IDLH
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/m3 TWA	20 ppm TWA	No STEL	800 ppm IDLH (10% LEL)

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

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this product. Do not wear contact lenses.

Skin protection:

Wear protective gloves. 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. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Blue

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): -25

Flash Point (°C): 98

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: 0.85

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Solubility(ies):	Negligible; 0-1%
Partition coefficient: n-octanol/water:	3.118 2.65 3.3
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	33.95

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.
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	Carbon monoxide, Sulfur containing gases, Nitrogen containing gases, Aldehydes, oxides of phosphorus, Hydrogen sulfide

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):	Skin contact Inhalation
Symptoms related to the physical, chemical and toxicological characteristics:	Causes skin irritation. Harmful 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:	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:	Harmful 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

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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:	Based on available data, the classification criteria are not met.
Other information:	No data available

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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Toluene		Dermal LD50 Rabbit 12000 mg/kg	
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
Naphthalene	OLD50 Rat 490 mg/kg	Dermal LD50 Rabbit > 20000 mg/kg	
Light hydrocracked distillate		Dermal LD50 Rabbit > 2000 mg/kg	
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 1.78 mg/L
Distillates, petroleum, hydrodesulfurized middle	OLD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 4.6 mg/L
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

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Replaces:

Naphthalene	Y	Y	Y
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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
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: Biodegrades slowly.

Bioaccumulative potential: Bioconcentration may 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): None known.

13. Disposal considerations

Description of waste residues and information on their safe handling and disposal of contents and container in accordance with local/regional/national/international regulations.

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methods of disposal, including the disposal of any contaminated packaging:

Contaminated packaging: Recycle containers whenever possible.

14. Transport information

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

DOT Basic Description: Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

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:

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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
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
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,	64742-80-9	N	N	N	N

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hydrodesulfurized middle					
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
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
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.

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SDS Prepared by:

HAZEMS

Revision Date:

06-10-2018

Revision Number:

14

Reason for revision:

Activated by Document Formulation Generation

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.

