



# Safety Data Sheet

Product identifier used on the label: MAG 1 GLASS CLEANER 419 12/18OZ

Stock Number: MAG00419

Revision Date: 07-20-2020

Replaces: 06-04-2015

## 1. Identification

Product identifier used on the label: **MAG 1 GLASS CLEANER 419 12/18OZ**

Stock Number: MAG00419

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Glass Cleaner

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: Gases under pressure - Compressed Gas

Signal Word: Warning

Hazard Statements: Contains gas under pressure; may explode if heated

Precautionary Statements:

Storage: Protect from sunlight. Store in a well-ventilated place.

Hazards not otherwise classified: No data available

## 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Isopropanol	No data available	67-63-0	1 - 5

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Butane	No data available	106-97-8	1 - 5
2-Butoxyethanol	No data available	111-76-2	1 - 5
Propane	No data available	74-98-6	1 - 5

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:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.

**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. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

**Most important symptoms/effects, acute and delayed:** No data available

**Indication of immediate medical attention and special treatment needed, if necessary:** No additional first aid information available.

## 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

**Suitable extinguishing media:** Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire.

**Unsuitable extinguishing media:** No data available

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**Specific hazards arising from the chemical:**

During fire, gases hazardous to health may be formed.

**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 toxic breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

**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.

## 7. Handling and storage

**Precautions for safe handling:**

Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer. Follow all protective equipment recommendations provided in Section 8.

**Conditions for safe storage, including any incompatibilities:**

**Safe storage conditions:**

Protect from sunlight. Store in a well-ventilated place.

**Materials to Avoid/Chemical Incompatibility:**

Oxidizing materials

## 8. Exposure controls/personal protection

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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
Isopropanol	400 ppm TWA; 980 mg/m <sup>3</sup> TWA	200 ppm TWA	400 ppm STEL	2000 ppm IDLH (10% LEL)
Butane	No PEL	No TLV	1000 ppm STEL	1600 ppm IDLH (>10% LEL)
2-Butoxyethanol	50 ppm TWA; 240 mg/m <sup>3</sup> TWA	20 ppm TWA	No STEL	700 ppm IDLH
Propane	1000 ppm TWA; 1800 mg/m <sup>3</sup> TWA	See Appendix F: Minimal Oxygen Content, explosion hazard	No STEL	2100 ppm IDLH (10% LEL)

**Appropriate engineering controls:**

General room ventilation might be required to maintain operator comfort under normal conditions of use.

**Individual protection measures, such as personal protective equipment:**

**Respiratory Protection:**

No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure.

**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:**

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:**

Wear appropriate protective gloves to prevent skin exposure.

**General hygiene conditions:**

Follow all protective equipment recommendations provided in Section 8.

## 9. Physical and chemical properties

**Appearance (physical state, color etc.):**

**Physical state:**

Liquid

**Color:**

No data available

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Odor:	Not determined
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):	Not determined
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:	0.95
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	No data available

## 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):	Sparks, open flame, other ignition sources, and elevated temperatures.
Incompatible materials:	Oxidizing materials

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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): Skin contact, Eye contact, Inhalation

Symptoms related to the physical, chemical and toxicological characteristics: No data available

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: Likely to be non-irritating to skin based on animal data. Not likely to cause permanent damage.

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

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

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

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: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

Reproductive toxicity: Not known or reported to cause reproductive or developmental toxicity.

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.

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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Butoxyethanol	Oral LD50 Rat 470 mg/kg	Dermal LD50 Rabbit 435 mg/kg	Inhalation LC50 (4h) Rat 450 ppm

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			Inhalation LC50 (4h) Rat 486 ppm
Butane			Inhalation LC50 (4h) Rat 658 G/M3
Isopropanol	Oral LD50 Rat 1870 mg/kg	Dermal LD50 Rabbit 4059 mg/kg	Inhalation LC50 (4h) Rat 72600 MG/M3

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):

This material is not expected to be harmful to the ecology.

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
2-Butoxyethanol	111-76-2	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Lepomis macrochirus (Bluegill) 2950 mg/L LC50 (96h) Lepomis macrochirus (Bluegill) 1490 mg/L
Isopropanol	67-63-0	EC50 (48h) Daphnia magna 13299 mg/L	EC50 (72h) DESMODESMUS SUBSPICATUS > 1000 mg/L EC50 (96h) DESMODESMUS SUBSPICATUS > 1000 mg/L	LC50 (96h) Lepomis macrochirus (Bluegill) > 1400000 MG/L LC50 (96h) Pimephales promelas (Fathead Minnow) 11130 mg/L LC50 (96h) Pimephales promelas (Fathead

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				Minnow) 9640 mg/L
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<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	Bioconcentration is not expected to occur.
<b>Mobility in soil:</b>	This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.
<b>Other adverse effects (such as hazardous to the ozone layer):</b>	None known.

## 13. Disposal considerations

<b>Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:</b>	Spent or discarded material is a hazardous waste.
<b>Waste codes / waste designations:</b>	D001
<b>Contaminated packaging:</b>	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:**

**Exception:** UN1950, AEROSOLS, 2.2, LIMITED QUANTITY

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

**UN number:** UN1950

**UN Proper shipping name:** AEROSOLS

**Transport hazard class(es):** 2.2

**Packing group, if applicable:** Not applicable

**Exception:** LTD QTY

**EMS#:** F-D, S-U

**International carriage of dangerous goods by air (IATA):**



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UN number: UN1950  
UN Proper shipping name: AEROSOLS, NON-FLAMMABLE  
Transport hazard class(es): 2.2  
Packing group, if applicable: Not applicable  
Exception: LTD QTY

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
Isopropanol	67-63-0	N	N	Y	N
Butane	106-97-8	N	N	N	N
2-Butoxyethanol	111-76-2	N	N	N	N
Propane	74-98-6	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
Isopropanol	67-63-0	N	N	N	N
Butane	106-97-8	N	N	N	N
2-Butoxyethanol	111-76-2	N	N	N	N
Propane	74-98-6	N	N	N	N

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Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Isopropanol	67-63-0	Y	Y	Y	N	Y
Butane	106-97-8	Y	Y	Y	N	Y
2-Butoxyethanol	111-76-2	Y	Y	Y	N	Y
Propane	74-98-6	Y	Y	Y	N	Y

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

SDS Prepared by: CDURSTON

Revision Date: 07-20-2020

Revision Number: 2

Reason for revision: NEW

References: No data available

Other Info: No data available

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