

Safety Data Sheet

Product identifier used on the label: **MAG 1 NON-CHLORINATED BRAKE CLEANER 409 12/14OZ**

Stock Number: MAG00409

Revision Date: 06-24-2020

Replaces: 06-24-2020

1. Identification

Product identifier used on the label: **MAG 1 NON-CHLORINATED BRAKE CLEANER 409 12/14OZ**

Stock Number: MAG00409

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Brake 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:

Serious Eye Damage/Eye Irritation Category 2B

Respiratory Sensitisation Category 1B

Aspiration Hazard Category 1

Flammable Aerosol Category 1

Gases under pressure - Dissolved Gas

Hazardous to the aquatic environment - Acute Category 2

Signal Word:

Danger

Hazard Statements:

Extremely flammable aerosol; Contains gas under pressure; may explode if heated; May be fatal if swallowed and enters airways; Causes eye irritation; May cause allergy or asthma symptoms or breathing difficulties if inhaled; Toxic to aquatic life

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Precautionary Statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist/vapors/spray. Wash thoroughly after handling. Avoid release to the environment. Wear respiratory protection.

Response:

IF SWALLOWED: Immediately call a POISON CENTER/doctor. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do NOT induce vomiting. If eye irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a poison center or doctor.

Storage:

Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

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 #	%
Acetone	No data available	67-64-1	30 - 60
Hydrotreated Light Naphtha (Petroleum)	No data available	64742-49-0	15 - 40
Carbon dioxide	No data available	124-38-9	3 - 7
Isopropanol	No data available	67-63-0	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:

If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a

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	poison center or doctor.
Eye Contact:	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion:	Not a likely route of exposure.
Most important symptoms/effects, acute and delayed:	May be fatal if swallowed and enters airways. Causes eye irritation May cause allergy or asthma symptoms or breathing difficulties if inhaled
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

Specific hazards arising from the chemical: Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back

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. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures:

Avoid release to the environment.

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. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. Handling and storage

Precautions for safe handling:

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Protect from sunlight. Store in a well-ventilated place. Store locked up.

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents, Acids, Strong bases

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
Acetone	1000 ppm TWA; 2400 mg/m3 TWA	250 ppm TWA	500 ppm STEL	2500 ppm IDLH (10% LEL)
Carbon dioxide	5000 ppm TWA; 9000 mg/m3 TWA	5000 ppm TWA	30000 ppm STEL	40000 ppm IDLH
Isopropanol	400 ppm TWA; 980 mg/m3 TWA	200 ppm TWA	400 ppm STEL	2000 ppm IDLH (10% LEL)

Appropriate engineering controls:

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

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Individual protection measures, such as personal protective equipment:

Respiratory Protection:	Avoid breathing mist/ vapors/spray. Wear respiratory protection.
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:	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
General hygiene conditions:	Wash hands thoroughly after handling.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state:	Aerosol
Color:	No data available
Odor:	Moderate
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):	56
Flash Point (°C):	Not applicable.
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	Not established

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limits:

Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.77
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:	Strong oxidizing agents, Acids, Strong bases
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): Inhalation, Skin Contact, Eye Contact

Symptoms related to the physical, chemical and toxicological characteristics: May be fatal if swallowed and enters airways. Causes eye irritation May cause allergy or asthma symptoms or breathing difficulties if inhaled

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

Ingestion: May be harmful if swallowed. Likely to be practically non-toxic by ingestion based on animal data.

Skin Contact: This material is likely to be moderately irritating to skin based on animal data.Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

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Absorption:	May be harmful in contact with skin.
Inhalation:	Likely to be practically non-toxic based on animal data.
Eye Contact:	Causes eye irritation
Sensitization:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
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:	Classification has been based on toxicological information of the components in Section 3.
Other information:	None known.

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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropanol	Oral LD50 Rat 1870 mg/kg	Dermal LD50 Rabbit 4059 mg/kg	Inhalation LC50 (4h) Rat 72600 MG/M3
Hydrotreated Light Naphtha (Petroleum)	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 3160 mg/kg	Inhalation LC50 (4h) Rat 73680 ppm
Acetone	Oral LD50 Rat 5800 mg/kg	Dermal LD50 Rabbit >15,700 mg/kg	Inhalation LC50 (8h) Rat 50100 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):

Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

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Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Isopropanol	67-63-0	EC50 (48h) Daphnia magna 13299 mg/L	EC50 (96h) DESMODESMUS SUBSPICATUS > 1000 mg/L	LC50 (96h) Pimephales promelas 9640 mg/L
Carbon dioxide	124-38-9	No data available	No data available	LC50 (96h) Rainbow Trout 35 mg/L
Hydrotreated Light Naphtha (Petroleum)	64742-49-0	No data available	No data available	LC50 (96h) Rainbow Trout 8.41 mg/L
Acetone	67-64-1	EC50 (48h) Daphnia magna 10294 - 17704 mg/L	No data available	LC50 (96h) Rainbow Trout 4.74 - 6.33 ml/l

Persistence and degradability:

Biodegrades quickly.

Bioaccumulative potential:

Bioconcentration is not expected to 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.

Waste codes / waste designations:

D001

Contaminated packaging:

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

14. Transport information

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

Exception: UN1950, AEROSOLS, 2.1, LIMITED QUANTITY

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

UN number: UN1950

UN Proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group, if applicable: Not applicable

Exception: LTD QTY

EMS#: F-D, S-U

International carriage of dangerous goods by air (IATA): Do not ship by air.

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
Acetone	67-64-1	Y	N	N	N
Hydrotreated Light Naphtha (Petroleum)	64742-49-0	N	N	N	N
Carbon dioxide	124-38-9	N	N	N	N
Isopropanol	67-63-0	N	N	Y	N

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Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Acetone	67-64-1	N	N	N	N
Hydrotreated Light Naphtha (Petroleum)	64742-49-0	N	N	N	N
Carbon dioxide	124-38-9	N	N	N	N
Isopropanol	67-63-0	N	N	N	N

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Acetone	67-64-1	Y	Y	Y	N	Y
Hydrotreated Light Naphtha (Petroleum)	64742-49-0	N	N	N	N	N
Carbon dioxide	124-38-9	Y	Y	Y	N	Y
Isopropanol	67-63-0	Y	Y	Y	N	Y

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

SDS Prepared by: CDURSTON
Revision Date: 06-24-2020
Revision Number: 3
Reason for revision: NEW VERSION
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.

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No warranty is made, either expressed or implied.