



Safety Data Sheet

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

Product Code: MAG00409

Revision Date: 08-28-2022

Replaces: 06-24-2020

1. Identification

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

Product Code: 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: Highline Warren LLC

4500 Malone Road

Memphis, TN 38118

Phone number: +01 (901) 437-8615

E-mail address: sds@highlinewarren.com

Emergency phone number: CHEM TREC: +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

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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

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 dust/fume/gas/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/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

% unknown toxicity (Inhalation Gas): 100 % of the mixture consists of ingredient(s) of unknown toxicity.

3. Composition/ information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Acetone	No data available	67-64-1	30 - 60
Naphtha, petroleum, hydrotreated light	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

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:

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Inhalation:	If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/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:	Do NOT induce vomiting.
Ingestion:	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.
Most important symptoms/ effects, acute and delayed:	Eye irritation. Dizziness. Drowsiness.
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.

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6. Accidental release measures

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. Gather and store in a sealed container pending a waste disposal evaluation. 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	US W EEL
Acetone	1000 ppm TWA; 2400 mg/m3 TWA	250 ppm TWA	500 ppm STEL	2500 ppm IDLH (10% LEL)	No data available
Carbon dioxide	5000 ppm TWA; 9000 mg/m3 TWA	5000 ppm TWA	30000 ppm STEL	40000 ppm IDLH	No data available
Isopropanol	400 ppm TWA; 980 mg/ m3	200 ppm TWA	400 ppm STEL	2000 ppm IDLH (10% LEL)	No data available

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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. 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: Gas

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 determined

Evaporation Rate: No data available

Flammability (solid, gas): No data available

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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: 0.77

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): Ingestion, Absorption, Skin contact, Inhalation, Eye contact

Symptoms related to the physical, chemical and toxicological characteristics: Eye irritation. Dizziness. Drowsiness.

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Ingestion:	Harmful if swallowed. May cause systemic poisoning. 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.
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:	Mutagenic affect in animals may occur.
Carcinogenicity:	Contains a substance that is a probable cancer hazard based on animal studies using doses likely to be encountered in the workplace.
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) Based on available data, the classification criteria are not met.

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.

Ecological Toxicity Data:

Chemical Name	CAS#	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Isopropanol	67-63-0	EC50 (48h) Daphnia	EC50 (72h)	LC50 (96h) Lepomis

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		magna 13299 mg/L	Desmodesmus subspicatus (Green Algae) > 1000 mg/L EC50 (96h) Desmodesmus subspicatus (Green Algae) > 1000 mg/L	macrochirus (Bluegill) > 1400000 ul/l
Carbon dioxide	124-38-9	No data available	No data available	LC50 (96h) Rainbow Trout 35 mg/L
Naphtha, petroleum, hydrotreated light	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 12600 - 12700 mg/L EC50 (48h) Daphnia magna 10294 - 17704 mg/L	No data available	LC50 (96h) Lepomis macrochirus (Bluegill) 8300 mg/L LC50 (96h) Pimephales promelas (Fathead Minnow) 6210 - 8120 mg/L 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.

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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:

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

EM S#: F-D, S-U

International carriage of dangerous goods by air (IATA):

UN number: Not regulated by IATA

UN Proper shipping name: DO NOT SHIP BY AIR

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 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
Naphtha, petroleum, hydrotreated light	64742-49-0	N	N	N	N
Carbon dioxide	124-38-9	N	N	N	N
Isopropanol	67-63-0	N	N	Y	N

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
Naphtha, petroleum, hydrotreated light	64742-49-0	N	N	N	N
Carbon dioxide	124-38-9	N	N	N	N
Isopropanol	67-63-0	N	N	N	N

California Prop 65

No ingredient(s) requiring a warning under California Prop 65.

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
Naphtha, petroleum, hydrotreated light	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:

DB_HAZOX

Revision Date:

08-28-2022

Revision Number:

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Reason for revision:

Activated by Document Formulation Generation

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References:

No data available

Other Info:

No data available

Disclaimer:

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