

Safety Data Sheet

Magnitude

Date of compilation 2015-05-15

1. Identification

Product Name: Magnitude
Product identifier: 240-1
Relevant identified uses of the substance or mixture and uses advised against: Wheel Cleaner

Company: Auto Brite Inc.
107 Sin Nombre Ct NE
Albuquerque, NM 87113
505-342-2778

Emergency telephone number: Infotrac: 1-800-535-5053

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 1
Skin Corrosion/Irritation Category 2
Flammable Liquid Category 4

GHS Signal Word: Danger

GHS Hazard Statements: Combustible Liquid
Causes skin irritation.
Causes serious eye damage.

GHS Precautionary Statements:

Safety Precautions: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

First Aid Measures: IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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Immediately call a POISON CENTER/doctor/....

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	Specific treatment (see on this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use for extinction.
Storage:	Store in a well-ventilated place. Keep cool.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.
Hazards not otherwise classified:	MEDICAL CONDITIONS AGGRAVATED: dermatitis may be aggravated by excessive exposure to skin.

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Sodium hydroxide	1310-73-2	1 - 5
Sodium carbonate	497-19-8	1 - 5
Sodium metasilicate	6834-92-0	1 - 5
2-propanol-1-butoxy ether	5131-66-8	0.5 - 1.5

the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

4. First-aid measures

Eye Contact:	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician. Flush eye with water for 20 minutes. Get medical attention. Seek immediate medical attention.
Skin Contact:	Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately. Wash affected area thoroughly with soap and water.
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. Get medical attention immediately. If inhaled, remove victim from exposure to a well-ventilated area.
Ingestion:	Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately and give the medical care provider with this MSDS. Do not induce

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vomiting unless directed to do so by medical personnel. Drink 1-2 glasses of milk to dilute product. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person

Immediate medical attention and special treatment needed,: No additional first aid information available

5. Fire-fighting measures

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. Water spray Alcohol foam Dry chemical Carbon dioxide

Unsuitable extinguishing media: No data available

Fire and/or Explosion Hazards: Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition. Material will not burn.

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide

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. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

Methods and material for containment and cleaning up: No special spill clean-up considerations. Collect and discard in regular trash. SMALL SPILL: Contain and collect with absorbent. LARGE SPILLS: Shut off leak if safe to do so. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Prevent spilled material from contaminating soil, entering sanitary sewers, storm sewers, and drainage systems, and entering bodies of water or ditches that lead to waterways.

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7. Handling and storage

Precautions for safe handling:	Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Keep out of the reach of children.
Conditions for safe storage:	Store in a cool dry place. Isolate from incompatible materials. Keep from freezing, STORAGE TEMPERATURE: 32°F Minimum to 110°F Maximum. Shelf life is one year.
Materials to Avoid/Chemical Incompatibility::	Strong oxidizing agents Acids Metals Water Organic halides Strong acids

8. Exposure controls/personal protection

Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Sodium hydroxide	2 mg/m3	2 mg/m3	

Appropriate engineering controls.:	Local exhaust ventilation, process enclosures, or other engineering controls are necessary when handling or using this product to avoid overexposure. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits.
Eye Protection:	Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available. Safety Glasses or goggles with splash guards or side shields.
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. Use Nitrile/ Vinyl gloves
Respiratory Protection:	Respiratory protection must be used when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. A supplied air type respirator may be required. NIOSH respirator - (organic vapor) in absence of proper environmental control.
Other Protective Equipment:	Safety Glasses or goggles with splash guards or side shields. Use Nitrile/ Vinyl gloves
General Hygiene Conditions:	Keep out of the reach of children.

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9. Physical and chemical properties

Appearance (physical state):	Liquid
Color:	Green
Odor:	Glycol ether
Odor threshold:	No data available
pH:	12
Melting Point/Freezing Point (°C):	No data available
Initial Boiling Point and Boiling Range (°C):	100
Flash Point (°C):	63
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper Flammable/Explosive Limit:	No data available
Lower Flammable/Explosive Limit:	No data available
Vapor Pressure:	17.5 MMHG@20C/68F
Vapor Density:	No data available
Relative Density:	1.1
Solubility(ies):	Complete; 100%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition Temperature (°C):	No data available
Decomposition Temperature::	No data available
Viscosity:	No data available

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions.
Conditions to avoid:	None known. Contamination Contact with water Moisture (will lead to product performance degradation).
Incompatible materials:	Strong oxidizing agents Acids Metals Water Organic halides Strong acids
Hazardous decomposition products:	Carbon dioxide Carbon monoxide

11. Toxicological information

Likely routes of exposure (inhalation, ingestion, skin and eye contact):	Skin contact, Eye contact, Ingestion
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Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	Can be corrosive to the respiratory tract causing severe irritation and tissue damage. Irritating to the nose, throat, and respiratory tract.
Skin Contact:	Corrosive to skin tissue. Can cause chemical burns. Corrosive, causes skin burns and

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Skin Absorption:	permanent skin damage (scarring). May cause skin irritation. Minimal hazard in normal industrial use. May cause gastrointestinal discomfort Causes skin burns
Eye Contact:	Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness. Causes eye burns.
Ingestion Irritation:	Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage. Can burn mouth, throat, and stomach.
Ingestion Toxicity:	Harmful if swallowed. May cause systemic poisoning.

Long-Term (Chronic) Health Effects:

Carcinogenicity:	Contains a known human carcinogen Cancer hazard! Contains a material that can cause cancer.
Reproductive and Developmental Toxicity:	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Inhalation:	Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage. Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage.
Skin Contact:	Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.
Skin Absorption:	Upon prolonged or repeated exposure, minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):	This material is not expected to be harmful to the ecology.
Persistence and degradability:	No data available
Mobility in soil:	No data available
Other adverse effects (such as hazardous to the ozone layer):	No data available

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Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available			

13. Disposal considerations

Description of waste residues: Spent or discarded material may be a hazardous waste.
Safe Handling of Waste: Disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.
Waste treatment methods (including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations.

14. Transport information

UN proper shipping name: Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. Regulatory information

TSCA Status: All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

Regulated Components:

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
Sodium hydroxide	1310-73-2	N	N	Y	N

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

Revision Date: 03-03-2015
Revision Number: 1

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