

Safety Data Sheet

Purple Thunder

Date of compilation: 2015-05-15

1. Identification

Product Name: Purple Thunder
Product identifier: 202-1
Relevant identified uses of the substance or mixture and uses advised against: Used as a cleaner for grease and grime without leaving any residue on the clean

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: Skin Corrosion/Irritation Category 1B
Serious Eye Damage/Eye Irritation Category 1
GHS Signal Word: Danger
GHS Hazard Statements: Causes severe skin burns and eye damage.

GHS Precautionary Statements:
Safety Precautions:

Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

First Aid Measures:

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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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Storage:	Immediately call a POISON CENTER/doctor/....
Disposal:	Specific treatment (see on this label). Wash contaminated clothing before reuse.
Hazards not otherwise classified:	Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes. No data available

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Ethylene glycol monobutyl ether	111-76-2	3 - 7
Glycol Etyher EB	111-76-2	3 - 7
Sodium metasilicate	6834-92-0	1 - 5
Monoethanolamine	141-43-5	0.5 - 1.5
Tetrasodium Ethylenediamine Tetraacetate	64-02-8	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.
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 with soap and water. Get medical attention if irritation develops or persists.
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
Ingestion:	Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately

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Immediate medical attention and special treatment needed,:

and give the medical care provider with this MSDS. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

No additional first aid information available

5. Fire-fighting measures

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

Fire and/or Explosion Hazards:

Material will not ignite or burn.

Hazardous Combustion

Carbon dioxide, Carbon monoxide

Products:

Special protective equipment and precautions for fire-fighters:

Will not burn, no special instructions available. Use methods appropriate for surrounding materials.

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.

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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. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Wash thoroughly after handling Do not get in eyes, on skin and clothing Use with adequate ventilation Minimize dust generation and accumulation "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse

Conditions for safe storage: No special requirements Limit quantity of material stored. Store in a tightly closed container Store in a cool dry place Keep away from food and drinking water.

Materials to Avoid/Chemical Incompatibility:: Strong oxidizing agents Strong acids

8. Exposure controls/personal protection

Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Ethylene glycol monobutyl ether	50 ppm	20 ppm	

Appropriate engineering controls.: Local exhaust ventilation, process enclosures, or other engineering controls are necessary when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Ventilation is required to maintain operator exposure below published exposure limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits Facilities storing or using this material should be equipped with an eyewash and safety shower.

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. Wear goggles and a Face shield

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. Where contact is likely, wear

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Respiratory Protection:	chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield 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. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. A supplied air type respiratory will be required.
Other Protective Equipment:	Wear goggles and a Face shield Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield
General Hygiene Conditions:	As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Wash thoroughly after handling Do not get in eyes, on skin and clothing Use with adequate ventilation Minimize dust generation and accumulation "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse

9. Physical and chemical properties

Appearance (physical state):	liquid
Color:	purple
Odor:	glycol ether
Odor threshold:	No data available
pH:	No data available
Melting Point/Freezing Point (°C):	No data available
Initial Boiling Point and Boiling Range (°C):	100
Flash Point (°C):	No data available
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:	Not determined
Solubility(ies):	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition Temperature (°C):	No data available
Decomposition Temperature::	No data available
Viscosity:	No data available

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10. Stability and reactivity

Reactivity: No data available
Chemical stability: Stable under normal conditions.
Conditions to avoid: None known. .
Incompatible materials: Strong oxidizing agents Strong acids

11. Toxicological information

Likely routes of exposure (inhalation, ingestion, skin and eye contact): Inhalation, Ingestion, Skin contact, Eye contact

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: Can be corrosive to the respiratory tract causing severe irritation and tissue damage. Slightly irritating to the respiratory tract.
Skin Contact: Corrosive to skin tissue. Can cause chemical burns. May cause skin irritation.
Skin Absorption: No absorption hazard in normal industrial use.
Eye Contact: Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness. Substance causes severe irritation. Permanent eye injury may result.
Ingestion Irritation: Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage. Harmful if swallowed.
Ingestion Toxicity: Harmful if swallowed. May cause systemic poisoning.

Long-Term (Chronic) Health Effects:

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 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.
Skin Contact: Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.
Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

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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

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 is non-hazardous according to environmental regulations.
Waste treatment methods (including packaging): Dispose of in a landfill. Disposal is not likely to be regulated.

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 components in this product are on the TSCA Inventory.

Regulated Components:

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
No data available					

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

Revision Date: 03-03-2015

Revision Number: 1

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