# SAFETY DATA SHEET

# **SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION**

Product ID: SPOT B-GONE

Product Name: SPOT B-GONE

Revision Date: Apr 29, 2021 Date Printed: Aug 26, 2025
Supersedes Date: May 15, 2020

Version: 3.0

Distributor's Name: AUTO DETAIL DEPOT, LLC

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**Product/Recommended Uses:** Spot Remover

# **SECTION 2) HAZARDS IDENTIFICATION**

## Classification

Gases Under Pressure - Liquefied Gas

Eye Irritation - Category 2

## **Pictograms**





# Signal Word

Warning

# **Hazardous Statements - Physical**

H280 - Contains gas under pressure; may explode if heated.

### **Hazardous Statements - Health**

H319 - Causes serious eye irritation.

### **Precautionary Statements - General**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

# **Precautionary Statements - Prevention**

P280 - Wear eye protection and face protection.

P264 - Wash hands thoroughly after handling.

**Precautionary Statements - Response** 

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P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical attention.

### **Precautionary Statements - Storage**

P410 - Protect from sunlight.

P403 - Store in a well-ventilated place.

### **Precautionary Statements - Disposal**

No precautionary statement available.

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS						
CAS Chemical Name % By Weight						
0000112-34-5	DIETHYLENE GLYCOL MONOBUTYL ETHER	5% - 12%				
0068476-86-8	Petroleum gases, liquefied, sweetened	4% - 10%				
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	4% - 8%				

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

### **SECTION 4) FIRST-AID MEASURES**

#### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

If exposed/feel unwell/concerned: Call a POISON CENTER or doctor.

Eliminate all ignition sources if safe to do so.

# **Eye Contact**

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

# **Skin Contact**

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

IF exposed or concerned: Get medical advice/attention.

#### Ingestion

Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

### Most Important Symptoms/Effects, Acute and Delayed

No data available.

### Indication of Immediate Medical Attention and Special Treatment Needed

No data available.

### **SECTION 5) FIRE-FIGHTING MEASURES**

# **Suitable Extinguishing Media**

Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Do not direct a solid stream of water or foam into hot, burning pools. This may result in frothing and increased fire intensity.

#### **Unsuitable Extinguishing Media**

No data available.

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#### Specific Hazards in Case of Fire

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Product is highly flammable and forms explosive mixtures with air, oxygen, and all oxidizing agents. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a build up of internal pressures. Cool with water.

Empty Containers retain product residue which may exhibit hazards of material; therefore do not pressurize, cut, glaze, weld or use for any other purposes.

Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors.

#### **Fire-Fighting Procedures**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

#### **Special Protective Actions**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

# **SECTION 6) ACCIDENTAL RELEASE MEASURES**

# **Emergency Procedure**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

### **Recommended Equipment**

Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA).

#### **Personal Precautions**

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### **Environmental Precautions**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

# Methods and Materials for Containment and Cleaning up

Absorb liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

# **SECTION 7) HANDLING AND STORAGE**

#### General

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

### **Ventilation Requirements**

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

### **Storage Room Requirements**

Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize containers to empty them.

Store at temperatures below 120°F.

# **SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Eye Protection**

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

#### Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over- boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### **Respiratory Protection**

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. When exposure levels exceed PEL/TLV, use a combination organic vapor/acid gas respirator.

### **Appropriate Engineering Controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)
DIETHYLENE GLYCOL MONOBUTYL ETHER								10(IFV)
ETHYLENE GLYCOL MONOBUTYL ETHER	240	50			1	1		20
Petroleum gases, liquefied, sweetened	2000	500				1		

Chemical Name	NIOSH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
DIETHYLENE GLYCOL MONOBUTYL ETHER					Hematologic,liv er & kidney eff			
ETHYLENE GLYCOL MONOBUTYL ETHER				АЗ	Eye & URT irr	A3; BEI	24	5
Petroleum gases, liquefied, sweetened								

Chemical Name	NIOSH STEL (mg/m3)	OSHA STEL (ppm)	NIOSH Carcinogen
DIETHYLENE GLYCOL MONOBUTYL ETHER			
ETHYLENE GLYCOL MONOBUTYL ETHER			
Petroleum gases, liquefied, sweetened			

A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, BEI - Substances for which there is a Biological Exposure Index or Indices, eff - Effects, irr - Irritation, URT - Upper respiratory tract

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# **SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES**

# **Physical and Chemical Properties**

Density	7.75 lb/gal
Density VOC	1.13 lb/gal
% VOC	14.61%

N.A. Appearance Odor Threshold N.A. Odor Description N.A. рΗ N.A. Water Solubility N.A. Flammability N.A. Vapor Pressure N.A. Flash Point N.A. Viscosity N.A. Lower Explosion Level N.A. Upper Explosion Level N.A. Vapor Density N.A. Melting Point N.A. Freezing Point N.A. Low Boiling Point N.A. High Boiling Point N.A. Decomposition Pt N.A. Auto Ignition Temp N.A.

Evaporation Rate Slower than ether

# **SECTION 10) STABILITY AND REACTIVITY**

# **Stability**

Stable under normal storage and handling conditions.

### **Conditions to Avoid**

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.

# **Incompatible Materials**

Avoid strong oxidizers, reducers, acids, and alkalis.

# **Hazardous Reactions/Polymerization**

No data available.

### **Hazardous Decomposition Products**

No data available.

# **SECTION 11) TOXICOLOGICAL INFORMATION**

### Skin Corrosion/Irritation

No data available.

# **Likely Route of Exposure**

Inhalation, ingestion, skin absorption.

### **Serious Eye Damage/Irritation**

Causes serious eye irritation.

# Carcinogenicity

No data available.

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#### **Germ Cell Mutagenicity**

No data available.

#### **Reproductive Toxicity**

No data available.

#### **Respiratory/Skin Sensitization**

No data available.

### **Specific Target Organ Toxicity - Single Exposure**

No data available.

### **Specific Target Organ Toxicity - Repeated Exposure**

No data available.

### **Aspiration Hazard**

No data available.

#### **Acute Toxicity**

#### 0000111-76-2 ETHYLENE GLYCOL MONOBUTYL ETHER

LC50 (female rat): 450 ppm (4-hour exposure) (2) LC50 (male rat): 486 ppm (4-hour exposure) (2) LD50 (oral, male weanling rat): 3000 mg/kg (1) LD50 (oral, 6-week old male rat): 2400 mg/kg (1) LD50 (oral, yearling male rat): 560 mg/kg (1)

LD50 (oral, female rat): 530 mg/kg; 2500 mg/kg (1)LD50 (oral, male mouse): 1230 mg/kg (1)

LD50 (oral, rabbit): 320 mg/kg (1)

LD50 (dermal, male rabbit): 406 mg/kg (cited as 0.45 mL/kg) (1)

#### **Potential Health Effects - Miscellaneous**

#### 0000111-76-2 ETHYLENE GLYCOL MONOBUTYL ETHER

Can be absorbed through the skin in harmful amounts. May cause injury to the kidneys, liver, blood and/or bone marrow. Repeated overexposure may result in damage to the blood. Eye contact may cause corneal injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

# **SECTION 12) ECOLOGICAL INFORMATION**

### **Toxicity**

Harmful to aquatic life with long lasting effects

### **Persistence and Degradability**

No data available.

## **Bio-Accumulative Potential**

No data available.

**Mobility in Soil** 

No data available.

# **Other Adverse Effects**

No data available.

#### Results of the PBT and vPvB assessment

No data available.

# **SECTION 13) DISPOSAL CONSIDERATIONS**

#### **Waste Disposal**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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# **SECTION 14) TRANSPORTATION INFORMATION**

	U.S. DOT Information	IMDG Information	IATA Information
UN number:	UN1950	UN1950	UN1950
Proper shipping name:	Aerosols	Aerosols	Aerosols, non-flammable
Hazard class:	2.2	2.2	2.2
Packaging group:	N.A.	N.A.	N.A.
Note / Special Provision:	(LTD QTY)	(LTD QTY)	(LTD QTY)

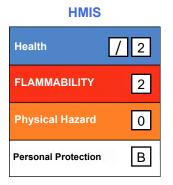
SECTION 15) RE	GULATORY	INFORMATION
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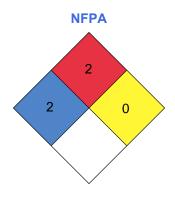
CAS	Chemical Name	% By Weight	Regulation List
0000112-34-5	DIETHYLENE GLYCOL MONOBUTYL ETHER	5% - 12%	SARA313, CERCLA, HAPS, SARA312, VOC,TSCA, ACGIH,
0068476-86-8	Petroleum gases, liquefied, sweetened	4% - 10%	SARA312, TSCA, OSHA
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	4% - 8%	SARA313, CERCLA, SARA312, VOC, TSCA, ACGIH, OSHA,

# **SECTION 16) OTHER INFORMATION**

#### **Glossary**

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.





### (\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

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