



SAFETY DATA SHEET

Bloomco Division of Double B Automotive Warehousing Inc. Bug Off.

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Bug Off.
Date of Safety Data Sheet: November 9, 2017
Use of Preparation: Bug Remover.
Company Identification: Bloomco, Division of Double B Automotive Warehousing Inc.
5035 North Service Road, #B1,
Burlington, Ontario. L7L 5V2

Company Emergency Telephone Number Emergency Phone: 1-800-667-9168

2. HAZARD IDENTIFICATION

Emergency Overview:
OSHA/ WHMIS 2014 Hazards:
Classification of substances or mixture
GHS-US/ Canadian classification:
Skin Sensitizer Category 1-H317
Label Elements
GHS-US Labeling
Hazard Pictograms (GHS):



Signal Word (GHS): Warning.

Hazard Statements (GHS):

H317: May cause allergic skin reaction.

Precautionary Statements (GHS):

P261: Avoid breathing mist/ spray

P264: Wash hands, forearms, and exposed areas thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P272: Contaminated work clothing must not be allowed out of the work place.

P280: Wear face protection, protective clothing, protective gloves, and eye protection.

Response Statements (GHS):

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/ attention.

P363: Wash contaminated clothing before reuse.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
D Limonene	5989-27-5	0.1-.1.0	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritation Category 2 - H315 Skin Sensitisation Category 1-H317

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms persist consult physician.

Eye Contact: Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin Contact: Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. Chemical burns must be treated by physician.

Ingestion: Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Immediately call a POISON CENTRE or doctor/physician.

Notes to Physician: Treatment based on judgment of attending physician.

Most important symptoms and effects, both acute and delayed: Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).

Unsuitable extinguishing media: High volume/jet water.

Special exposure hazards: Thermal decomposition releases irritating gases.

Special safety equipment: Self-contained positive pressure breathing apparatus and protective clothing.

Fire and explosion
Further information Not flammable. Not an explosion hazard.
Keep containers and surrounding cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up:

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.



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Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections:

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Avoid splashes or spray in enclosed areas.

Prevent formation of aerosols.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity and water.

Unsuitable material for receptacle: steel and aluminium.

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Do not store together with alkaline products.

Store away from oxidizing agents.

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate Engineering Controls:

Engineering Measures Showers. Eyewash Stations. Ventilation Systems.

Respiratory protection: Use local exhaust or dilution ventilation.

Hand protection: Chemical resistant gloves.

Eye protection: Safety goggles or full-face shield.

Skin protection: Use body-covering impervious clothing.

Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure guidelines: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State Liquid

Date: November 9, 2017

SDS: Bloomco Division of Double B Automotive Warehousing Inc.- Bug Off.



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Appearance	Clear	Odour	Citrus
Colour	Green	Odour Threshold	No data available.
Property	Values	Remarks/Method	
pH	10.7	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	No data available	None known	
Flash Point	Not applicable.	None known	
Evaporation Rate	Similar	None known	
Flammability (solid, gas)	Not flammable	None known	
Flammability Limit in Air:			
Upper Limit	No data available	None known	
Lower Limit	No data available	None known	
Vapour Pressure	No data available	None known	
Vapour density	No data available	None known	
Specific Gravity	1.02 g/cm ³		
Water Solubility	Soluble in water.	None known	
Solubility Other Solvents	No data available	None known	
Partition Coefficient:			
n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition	No data available	None known	
Temperature			
Kinematic Viscosity	No data available	None known	
Dynamic Viscosity	No data available	None known	
Explosive Properties	No data available	None known	
Oxidizing Properties	No data available	None known	
Other Properties:			
Softening Point	No data available		
VOC Content %	No data available		
Particle Size	No data available		
Particle Size Distribution	No data available		

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	Stable under normal conditions.
Thermal decomposition/conditions to avoid:	Reacts with acids reducing and oxidizing agents.
Possibility of hazardous reactions	Avoid contact with oxidizers, reducing agents and acids.
Conditions to avoid	Store away from oxidizing, reducing agents and acids.
Hazardous decomposition products	Carbon dioxide and oxides of carbon.
Materials to avoid	Oxidizing, reducing agents, acids.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects



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Acute toxicity: Not classified.

LD/LC50 values relevant for classification

Not classified.

Primary irritant effect:

On the skin: mild irritant.

On the eye: mild irritant.

Ingestion: Unclassified.

Inhalation: Unclassified.

Sensitization: D limonene is a skin sensitizer.

Additional toxicological information: The product shows the following dangers according to the calculation method:

Corrosive to eye and skin.

12. ECOLOGICAL INFORMATION

Toxicity:	Not available.
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	Not available.
Other Information:	Avoid release to the environment. All organic matter is readily biodegradable.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT): Not Regulated

Canadian T.D.G.: Not Regulated

Water Transportation (IMO): Not Regulated

Air Transportation (IATA): Not Regulated

15. REGULATION

Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Not regulated

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-



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PICCS Complies

AICS Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Listed on the United States TSCA (Toxic Substances Control Act) inventory

U.S. State Regulations

California Prop. 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 1 Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: C

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: November 9, 2017

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet