



SAFETY DATA SHEET

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

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

Identification of Preparation: Blast Off.
Date of Safety Data Sheet: October 26, 2023

Use of Preparation: Engine Shampoo

Company Identification: Bloomco, Division of Double B Automotive Warehousing Inc.
5035 North Service Road, #B1,
Burlington, Ontario. L7L 5V2
(905) 332-8070

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

2. HAZARD IDENTIFICATION

Emergency Overview:
OSHA / WHMIS 2015 Hazards
Classification of substance or mixture
GHS-US/Canadian classification:
GHS Hazards
Aspiration Hazard Category 1 H304
Label Elements
GHS Labeling
Hazard Pictograms (GHS):



Signal Word (GHS): Danger
Hazard Statements (GHS):
H304: May be fatal if swallowed and enters airways.
Precautionary Statements (GHS):
P102: Keep out of reach of children.
P233: Keep container tightly closed.
Response Statements (GHS):
P301+ P310+P331: IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.
P403: Store in a well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical

Ingredient	CAS#	% by Wt	Classification
Distillates Petroleum Hydrotreated Light	64742-47-8	60-100	Aspiration Hazard Category 1 – H304
Ethoxylated C 9-11 Alcohols	68439-46-3	1-5	Acute Toxicity Category 4 (Oral) - H302 Serious Eye Damage/Eye Irritation Category 1 – H318
Sodium Petroleum Sulfonate	68608-26-4	1-5	Skin Corrosion/Irritation Category 2 - H315

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult a 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.
Ingestion:	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.
Notes to Physician:	Treatment based on judgment of attending physician.
Most important symptoms and effects, both acute and delayed:	None
Indication of any immediate medical attention and special treatment needed:	Treat symptomatically. Aspiration hazard.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water fog, CO2, extinguishing powder, foam.
Unsuitable Extinguishing Media	Do not use a heavy water stream as it may scatter and spread the fire.
Specific Exposure Hazards	None known.
Hazardous Combustion Products	None known



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Explosion Data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Special safety equipment: Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

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 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: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

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

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:

Handling: Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame, or any other ignition source.

Information about fire and explosion protection: Keep respiratory protective device available.
No special measures required.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Store in a cool location.
Avoid storage near extreme heat or sources of ignition.

Information about storage in one common storage facility: 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.



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Specific end use(s):

If exposure exceeds occupational limits (TLV value) wear air purifying respirator.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves for prolonged use.
Eye protection:	Safety goggles if contact likely.
Skin protection:	Use body-covering clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking.
Exposure Guidelines:	
Petroleum Distillates:	5mg/m ³ (mist) USA ACGIH (TWA) 200 ppm (8 hours)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid		
Appearance	Clear.	Odour	Mild solvent.
Colour	Amber.	Odour Threshold	No data available.
Property	Values	Remarks/Method	
pH	No data available	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	227 C	None known	
Flash Point	97 C	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	0.81 g/cm ³		
Water Solubility	Soluble.	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 Temperature	No data available	None known	
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

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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	No decomposition if stored and applied as directed.
Conditions to avoid	Keep away from heat and sources of ignition.
Hazardous decomposition products	Hazardous gases and vapors produced in fire are oxides of carbon.
Materials to avoid	Oxidizing agents
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Harmful if swallowed.

LD/LC50 values relevant for classification

Petroleum Distillates CAS #64742-47-8:

LD50 (Oral, rat) > 5000 mg/Kg

LD50 (Rabbit, dermal) >5000mg/Kg

Routes of Entry Inhalation, ingestion, eye, or skin contact

Carcinogenicity:

Chemical Name CAS Number IARC NTP OSHA

No ingredients listed.

Chronic Effects:

Mutagenicity: No evidence of a mutagenic effect.

Teratogenicity: No evidence of a teratogenic effect (birth defect).

Sensitization: No evidence for mixture.

Reproductive: No evidence for mixture.

Target Organ Effects:

Acute: No information available

Chronic: None known

Aspiration Toxicity: Category 1

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	No data available
Mobility in Soil:	Not available.
Other Adverse Effects	
Other Information:	Avoid release to the environment.
Aquatic Toxicity:	No data available.
Toxicity to algae, fish invertebrates	No data available
Biodegradation:	No data available.



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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.

Empty Containers: Do not pierce, drill, or burn even after use!

14. TRANSPORTATION INFORMATION

Canadian TDG (Road & Rail): Not Regulated Material

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

Water Transportation (IMDG): Not Regulated Material

Air Transportation (IATA): Not Regulated Material

15. REGULATION

Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Class D - Division 2B



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	-
PICCS	-
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



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U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 2 Hazard

Flammability: 2 Hazard

Physical: 0

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Lizmar
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Issuing Date: December 31, 2017

Revision Date: October 26, 2023

Revision Notes: Revised formula to meet new VOC Regulations SOR/2021-268 dated December 21, 2021.
Changes required throughout most sections.

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