

# MATERIAL SAFETY DATA SHEET

Miller Auto Parts & Supply Company Inc.  
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Prepared By: Technical Services  
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## SECTION 1 - PRODUCT IDENTIFICATION

Item Number: 1858  
Product Name: Citrus Blast Water Base Cleaner Degreaser

## SECTION 2 - HAZARDOUS INGREDIENTS

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
D-Limonene	5989-27-5	1-4	N/A	N/A
Potassium Hydroxide	1310-58-3	1-4	2mg/m3	2mg/m3
2Butoxyethanol	111-76-2	2-4	25ppm	25ppm
Nonylphenol Ethoxylate	9016-45-9	5-10	N/A	N/A

Listed as IARC, NTP, or OSHA Carcinogen: None

HMIS Rating:

Health - 1      Fire - 1      Reactivity - 0      Personal Protection - C

0=Insignificant    1=Slight    2=Moderate    3=High    4=Extreme

## SECTION 3 - PHYSICAL CHARACTERISTICS

Boiling Point: >212° F	Vapor Pressure (mmHg @ 68F): Unknown
Vapor Density: N/A	Solubility in Water: Complete
Specific Gravity: 1.02 ± 0.05	Melting Points: N/A
% Volatile: 90.0 ± 0.5	pH: 13.5 ± 0.2
Appearance/Odor: Orange Liquid, Citrus Odor	

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point / Method: None

Flammable Limits: Not Applicable      LEL: Not Applicable      UEL: Not Applicable

Extinguishing Media: Not Applicable

Special Fire Fighting Procedures: Not Applicable

Unusual Fire and Explosion Hazards: Not Applicable

## SECTION 5 - HEALTH HAZARD DATA

**Signs and Symptoms of Exposure:**

Eye: Irritation of eyes, prolonged contact can cause severe irritation, blurred vision.

Ingestion: Gastrointestinal, irritation, vomiting, diarrhea.

Skin: Dryness, redness and itching or a burning sensation.

Breathing: Irritation of respiratory system, headache, dizziness, nausea, fatigue and loss of coordination due to over exposure.

**Medical Conditions Aggravated by Exposure:** Dermatitis. 2-Butoxyethanol has been found to cause mild reversible liver and kidney damage if exposed to laboratory animals.

**Emergency & First Aid Procedures:**

Eyes: Flush with large amounts of water, get medical attention

Ingestion: Do not induce vomiting

Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse.

Breathing: Remove to fresh air. Keep warm and quiet.

## **SECTION 6 - REACTIVITY DATA**

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Will not occur

Materials to Avoid: Strong oxidizers

Conditions to Avoid: Strong oxidizers

## **SECTION 7 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if Material is Spilled or Leaked:** Pick up excess with a wet vac, Rinse with clear water. Use an absorbent to pick up any excess.

**Waste Disposal:** Dispose of in accordance with federal, state and local regulations.

## **SECTION 8 - SPECIAL PROTECTION INFORMATION**

Ventilation: Use with adequate ventilation.

Respirator Protection: Properly fitted NIOSH/MSHA approved respirator.

Skin Protection: Protective gloves.

Eye Protection: Safety glasses with side shields.

Precautions to be taken in Handling and Storage: Store in dry area.

Special Storage Requirements:

## **SECTION 9 - REGULATORY INFORMATION**

D.O.T. REQUIREMENTS (49CFR 172.101): None

RQ (Reportable quantity) 49 CFR 172.101: None

TSCA (Toxic Substance Control Act) Status: The raw materials as listed under the hazardous ingredients.

CERCLA RQ-40CFR 302.4: None

SARA 302 COMPONENTS-40CFR 355 Appendix A: None

### **SECTION 311/312 HAZARD CLASS - 40CFR 370.2**

Immediate ( X )

Delayed ( )

Fire ( )

Reactive ( X )

Sudden Release of Pressure ( )

### **WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)**

Ingredient	Max. % By Wt.	LD50	LC50
D-Limonene	1-4	Unknown	Unknown
Potassium hydroxide	1-4	1230mg/kg oral-rat	Unknown
2-Butoxyethanol	2-4	1480mg/kg oral-rat	Unknown
Nonphenol Ethoxylate	5-10		

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