

# MATERIAL SAFETY DATA SHEET

Miller Auto Parts & Supply Company Inc.  
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Huntingdon, PA16652  
Phone: 814-643-4763  
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Date Prepared: October 1, 2007  
Prepared By: Technical Services  
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## SECTION 1 - PRODUCT IDENTIFICATION

Item Number: 1855  
Product Name: Kleen All Heavy Duty Cleaner

## SECTION 2 - HAZARDOUS INGREDIENTS

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGHI TLV</u>
2-Butoxyethanol	111-76-2	5 – 10	50ppm	25ppm
Sodium Hydroxide	1310-73-2	1 – 5		

Listed as IARC, NTP, or OSHA Carcinogen:

HMS Rating:

Health – 2      Fire – 0      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): N/A
Vapor Density: N/A	Solubility in Water: complete
Specific Gravity: 1.03 ±0.02	Melting Points: N/A
% Volatile: 88.0 ± 0.5	pH: 13.0 – 13.5
Appearance/Odor: Dark Green - EB	

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point / Method: N/A  
Flammable Limits: N/A      LEL: N/A      UEL: N/A  
Extinguishing Media: N/A  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

## SECTION 5 - HEALTH HAZARD DATA

### Signs and Symptoms of Exposure:

Eye: Prolonged contact can cause severe irritation, redness, tearing, blurred vision.

Ingestion: Harmful or fatal if swallowed.

Skin: Severe irritation, burning sensation.

Breathing: Irritation to the respiratory system, nausea, headache.

**Medical Conditions Aggravated by Exposure:** Irritation to the eyes, skin, respiratory system.

### Emergency & First Aid Procedures:

Eyes: Flush eyes with water for 15 minutes, get medical attention.

Skin: Wash affected area with soap and water. If skin is damaged, get medical attention.

Ingestion: DO NOT induce vomiting. Rinse mouth with water for several minutes and get medical attention.

Breathing: Remove individual to fresh air, get medical attention.

## SECTION 6 - REACTIVITY DATA

THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH. HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS MADE.  
ANY USE OF THIS PRODUCT THAT IS NOT IN CONFORMANCE WITH THIS MSDS IS THE SOLE RESPONSIBILITY OF THE USER.

Stability: Stable.  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: N/A

Materials to Avoid: Oxidizing agents.  
Conditions to Avoid: Mineral acids, Oxidizing agents.

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

**Steps to be taken if Material is Spilled or Leaked:** Pick up excess with a wet/dry vac. Rinse with water and allow to dry.

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

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

Ventilation: Use with adequate ventilation.

Respirator Protection: If required a properly fitted NIOSH/MSHA approved respirator rated for hazardous ingredients found in section 2.

Skin Protection: Wear approved Nitrile gloves.

Eye Protection: Safety glasses with side shields.

Precautions to be taken in Handling and Storage: Wear proper Gloves, glasses and safety shoes.

Special Storage Requirements: Keep in a dry environment.

## **SECTION 9 - REGULATORY INFORMATION**

D.O.T. REQUIREMENTS (49CFR 172.101): Not regulated

RQ (Reportable Quantity) 49 CFR 172.101:

TSCA (Toxic Substance Control Act) Status:

CERCLA RQ-40CFR 302.4:

SARA 302 COMPONENTS – 40CFR 355 Appendix A:

### **SECTION 311/312 HAZARD CLASS – 40CFR 370.2:**

Immediate ( X )    Reactive (   )    Delayed ( X )    Fire (   )    Sudden release of pressure (   )

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

Ingredient	Max. % By Wt.	LD50	LC50
2-Butoxy Ethanol	5 – 10	50ppm	25ppm
Sodium Hydroxide	1 – 5		