

# MATERIAL SAFETY DATA SHEET

Miller Auto Parts & Supply Company Inc.  
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Date Prepared: September 9, 2008  
Prepared By: Technical Services  
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## SECTION 1 - PRODUCT IDENTIFICATION

Item Number: 2163

Product Name: EXTRACTOR SHAMPOO Heavy Duty Upholstery Cleaner

## SECTION 2 - HAZARDOUS INGREDIENTS

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGHI TLV</u>
Trisodium Hydrogencarbonate	533-96-0	<5	N/A	N/A
Dipropylene glycol Butyl Ether	29911-28-2	<5	100ppm	100ppm
Dipropylene glycol Monomethyl Ether	34590-94-8	<5	100ppm	100ppm

Listed as IARC, NTP, or OSHA Carcinogen: None

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: 195° F	Vapor Pressure (mmHg @ 68F): N/A
Vapor Density: N/A	Solubility in Water: complete
Specific Gravity: 1.05 ±0.05	Melting Points: N/A
% Volatile: 91	pH: 13.0 - 13.5
Evaporation Rate (Water=1) 1	Appearance/Odor: Water white thin liquid / Bland odor

## 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 stinging, tearing or irritation of eyes.  
Ingestion: If swallowed, gastrointestinal irritation, nausea, vomiting, diarrhea.  
Skin: Redness or irritation of the skin.  
Breathing: Nose, throat, respiratory irritation when breathed.

Medical Conditions Aggravated by Exposure: Unknown.

**Emergency & First Aid Procedures:**

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

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

Ingestion: never give anything by mouth to an unconscious person. Give several glasses of water. DO NOT induce vomiting. Seek medical attention.

Breathing: Remove individual to fresh air, restore breathing. If necessary seek medical attention.

**SECTION 6 - REACTIVITY DATA**

Stability: Stable.

Materials to Avoid: Strong oxidizers

Hazardous Polymerization: Will not occur

Conditions to Avoid: Mineral acids, Oxidizing agents.

Hazardous Decomposition Products: Various hydrocarbons of incomplete combustion.

**SECTION 7 - SPILL OR LEAK PROCEDURES**

Steps to be taken if Material is Spilled or Leaked: Ventilate and remove with inert absorbent.

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

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.

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

Skin Protection: Gloves rated for protection against ingredients in SECTION 2.

Eye Protection: Safety glasses with side shields or chemical goggles.

Precautions to be taken in Handling and Storage: Do not smoke. Never wear soaked clothing. Launder or dry-clean before wearing. Affix proper warning labels on containers in accordance with 29CFR 1010.1200.

Special Storage Requirements: Keep in a dry, well ventilated environment.

**SECTION 9 - REGULATORY INFORMATION**

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

RQ (Reportable Quantity) 49 CFR 172.101: None

TSCA (Toxic Substance Control Act) Status: The intentional ingredients of this product are listed.

CERCLA RQ-40CFR 302.4: None

SARA 302 COMPONENTS – 40CFR 355 Appendix A: None

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

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

**WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)**

Ingredient	CAS Number	Max. % By Wt.	LD50	LC50
Trisodium Hydrogencarbonate	533-96-0			
Dipropylene glycol Butyl Ether	29911-28-2			
Dipropylene glycol Monomethyl Ether	34590-94-8			