

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION	
<b>NFPA Rating:</b> Health-1; Flammability-3; Reactivity-0; Special--None <b>Manufacturer By:</b> Amrep Automotive Products Group <b>Address:</b> 990 Industrial Park Drive Marietta, GA 30062	<b>HMIS Rating:</b> Health-1; Flammability-3; Reactivity-0; Personal Protection-B <b>DOT Description:</b> Consumer Commodity ORM-D <b>Identity</b> (trade name as used on label): <p style="text-align: center;"><b>AUTOZONE HD ENGINE DEGREASER AZP-70</b></p>
<b>Date Prepared:</b> 2/14/05 <b>Prepared By:</b> LMA/IB <b>Information Calls:</b> (770) 422-2071 <b>DOT EMERGENCY RESPONSE PHONE NUMBER:</b> (800) 424-9300	<b>MSDS Number:</b> AJ0150 / 501702469 <b>Revision:</b> 2 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source ***
<b>PETROLEUM DISTILLATE</b>	68476-30-2	No	500	500	d
<b>NONYL PHENOL POLYETHOXYLATE</b>	9016-45-9	No	N/E	N/E	d
<b>CARBON DIOXIDE (propellant)</b>	124-38-9	No	5000	5000	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
<b>Boiling Point:</b> 320-700°F (range for the concentrate)	<b>Specific Gravity</b> (H <sub>2</sub> O=1): 0.88 (for the concentrate only)
<b>Vapor Pressure</b> (PSIG @ 70°F) (Aerosols): 85-100	<b>Vapor Pressure</b> (Non-Aerosols) (mm Hg and Temperature): N/Ap
<b>Vapor Density</b> (Air = 1): N/E	<b>Evaporation Rate</b> (butyl Acetate = 1): N/E
<b>Solubility in Water:</b> Partial	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> red color; solvent odor.	<b>VOC</b> (Federal EPA Definition) = <15% (by weight)

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
<b>Flammability</b> as per USA Flame Projection Test (aerosols): <p style="text-align: center;"><b>FLAMMABLE</b></p>	<b>Auto Ignition Temperature:</b> N/E	<b>Flammability Limits in Air</b> by % in Volume: % LEL: N/E      % UEL: N/E
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): N/Ap		<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical; use water spray to cool exposed surfaces.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 120°F or the container may rupture. Vapors are heavier than air and may accumulate in low or inadequately ventilated areas. Vapors may travel along the ground to be ignited at locations distant from handling site. Flashback or flame to the handling site may occur.		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility</b> (materials to avoid): Acids and strong oxidizers.	<b>Conditions to Avoid:</b> Open flame, welding arcs, heat, sparks.
<b>Hazardous Decomposition Products:</b> Includes, but not limited to smoke, fumes, carbon monoxide, carbon dioxide, various hydrocarbons.	

SECTION 5 - HEALTH HAZARD DATA	
<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> May cause headache, dizziness, asphyxia, anesthetic effects (CNS depression), and possible unconsciousness.	
<b>Eye Contact:</b> Irritation.	<b>Skin Contact:</b> May cause severe irritation and/or dermatitis.
<b>Ingestion:</b> Nausea, vomiting, and diarrhea; possible chemical pneumonitis if aspirated into lungs.	
<b>CHRONIC EFFECTS:</b> There is limited evidence from animal studies tha overexposure may cause injury to the kidneys.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing skin or kidney disorders.	

EMERGENCY FIRST AID PROCEDURES	
<b>Eye Contact:</b> Flush with water for at least 15 minutes. If irritated, seek medical attention.	
<b>Skin Contact:</b> Remove contaminated clothing; launder before re-use. Wash skin with soap and water; if irritated, seek medical attention.	
<b>Inhalation:</b> Remove to fresh air; resuscitate if necessary. Administer oxygen if breathing is difficult. Seek medical attention.	
<b>Ingestion:</b> <b>DO NOT INDUCE VOMITING.</b> Seek immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by MSHA/NIOSH for organic vapor.	
<b>Protective Gloves:</b> Disposable nitrile gloves are suggested.	<b>Eye Protection:</b> Safety glasses recommended.
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.	
<b>Other Protective Clothing &amp; Equipment:</b> Eyewash station.	
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work areas. Wash hands after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb spilled liquid with suitable medium. Do NOT flush to sewers or drains. Dispose according to local, state and federal regulations.	
<b>Waste Disposal Methods:</b> Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal hazard.	
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 120°F.	
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Read and follow all label directions. Remove ignition sources. Avoid breathing vapors. Avoid food contamination.	

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*  
 \*\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only  
**THIS MSDS IS CURRENT AS OF June 17, 2008.** The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at AMREP by these date codes and therefore must remain as the originating date.