

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	
NFPA Rating: Health-2; Flammability-3; Reactivity-0; Special--None Manufactured For: Aftermarket Auto Parts Alliance, Inc. Address: 14351 Blanco Road San Antonio, Texas 78216-7723	HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B DOT Description: Consumer Commodity ORM-D Identity (trade name as used on label): <b style="text-align: center;">PARTS MASTER TOP ENGINE CLEANER (ENGINE MAINTENANCE KIT)
Date Prepared: 02/09/09 Prepared By: LMA/IB Information Calls: (770) 422-2071 DOT EMERGENCY RESPONSE PHONE NUMBER: (800) 424-9300	MSDS Number: BJ0742 Revision: 8 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 **
PETROLEUM DISTILLATE	8008-20-6 / 8052-41-3	No	100	100	d
ISOPROPYL ALCOHOL	67-63-0	No	400	200	d
TOLUENE	108-88-3	Yes	200	50 (skin)	d
TRIETHYLAMINE	121-44-8	Yes	25	1 (skin)	d
N-METHYL-2-PYRROLIDONE	872-50-4	Yes	N/E	N/E	d
NAPHTHALENE	91-20-3	Yes	10	10	d
AQUA AMMONIA	1336-21-6	No	50 TWA	25 TWA	d
ETHYLBENZENE	100-41-4	Yes	100	100	e
WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: 180-396°F (range)	Specific Gravity (H2O = 1): 0.80
Vapor Pressure (PSIG @ 70°F) (Aerosols): N/Ap	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature): N/E
Vapor Density (Air = 1): N/E	Evaporation Rate (butyl Acetate = 1): N/E
Solubility in Water: Partial	Water Reactive: No
Appearance and Odor: Colorless with ammonia odor.	VOC (Federal EPA Definition) = 90% (by weight)

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
Flammability as per USA Flame Projection Test (aerosols): <div style="text-align: center;">N/Ap</div>	Auto Ignition Temperature: <div style="text-align: center;">N/E</div>	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): 48° F. PMCC SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.		EXTINGUISHER MEDIA: Foam, dry chemical; use water spray to cool exposed surfaces.
Unusual Fire & Explosion Hazards: Cool containers with water to prevent rupturing. Vapors may spread to distant ignition sources (pilot lights, welding equipment, electrical equipment, etc.) and flash back.		

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

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <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	

ACUTE EFFECTS:	
Inhalation: May cause headache, dizziness, asphyxia, anesthetic effects (CNS depression), and possible unconsciousness.	
Eye Contact: Irritation.	Skin Contact: May irritate and/or cause dermatitis.
Ingestion: Nausea, vomiting and diarrhea; possible chemical pneumonitis if aspirated into lungs.	
CHRONIC EFFECTS: Concentrated, prolonged or deliberate inhalation may cause brain and CNS damage, and adverse fetal developmental effects. Chronic overexposures have been suggested as a cause of mild, reversible liver and kidney effects in laboratory animals.	
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin or upper respiratory conditions.	

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

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

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: Absorb spilled liquid with suitable medium. Do NOT flush to sewers or drains. Dispose according to local, state and federal regulations.	
Waste Disposal Methods: Ensure containers are empty prior to disposal. Dispose fluid according to local, state and federal regulations.	
Precautions To Be Taken In Handling & Storage: Do not store at extremely high temperatures; store in a cool, dry place.	
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. 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