

## 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			HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B		
Manufacturer By: <b>Amrep Automotive Products Group</b> Address: 2910 West Beaver Street Jacksonville, Florida 32254			DOT Description: Consumer Commodity ORM-D Identity (trade name as used on label): STP CARB SPRAY CLEANER ST-253		
Date Prepared: 11/22/03		Prepared By: LMA		MSDS NUMBER: 503701253	
Information Calls: (904) 388-5732			Revision: 2		
DOT EMERGENCY RESPONSE PHONE NUMBER: (800) 424-9300			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 **
METHANOL	67-56-1	Yes	200 (skin)	200 (skin)	d
ACETONE	67-64-1	No	750	500	d
2-BUTOXYETHANOL	111-76-2	Yes*	50 (skin)	20	d
ISOPROPYL ALCOHOL	67-63-0	No	400	200	d
XYLENE	1330-20-7	Yes	100	100	d
CARBON DIOXIDE (propellant)	124-38-9	No	5000	5000	d
*Glycol Ethers Category					
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Range: 133-343°F (for the concentrate)			Specific Gravity (H <sub>2</sub> O=1): 0.8 (for the concentrate)		
Vapor Pressure (Aerosols) (PSIG @ 70°F): 85-100			Vapor Pressure (Non-Aerosols) (mm Hg and Temperature): N/Ap		
Vapor Density (Air = 1): N/E			Evaporation Rate (butyl Acetate = 1): N/E		
Solubility in Water: Partial			Water Reactive: No		
Appearance and Odor: Clear, colorless spray with strong solvent odor.			VOC (Federal EPA Definition) = 78.75% (by weight)		
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
Flammability as per USA Flame Projection Test (aerosols): <b>EXTREMELY FLAMMABLE</b>		Auto Ignition Temperature: N/E		Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E	
FLASH POINT AND METHOD USED (non-aerosols): N/Ap			EXTINGUISHER MEDIA: Foam, dry chemical; use water spray to cool exposed surfaces.		
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.					
Unusual Fire & Explosion Hazards: 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					
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.					
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. Methanol poisoning can result in permanently impaired vision or blindness.					
CHRONIC EFFECTS: Concentrated, prolonged or deliberate inhalation can result in degenerative damage to internal organs; its effects may be cumulative. Chronic overexposure to 2-Butoxyethanol may cause mild, reversible liver and kidney effects and blood abnormalities. Chronic overexposure has been suggested as a cause of mild, reversible liver effects, cardiac sensitization, kidney damage, effects on hearing, and central nervous system damage 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: Seek immediate medical attention. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.					
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: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.					
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 120°F.					
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