

# MATERIAL SAFETY DATA SHEET

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

IDENTITY AND DISTRIBUTOR'S INFORMATION					
NFPA Rating: Health-2; Flammability-3; Reactivity-0; Special-0			HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B		
Manufactured For: EARTHENAIR			DOT Hazard Classification: ORM-D		
Address: 3535 Northcliffe Road			Identity (trade name as used on label): D & S Vending, Inc. Vandalism Mark Remover		
Address: Cleveland Heights, OH 44118					
Phone: 216-371-8626			MSDS Number: 178 Revision: 11		
EMERGENCY RESPONSE NUMBER: 800-255-3924			Date Prepared: 12/03/97 Prepared By: DL		
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			Information Calls: (770)422-2071		
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 **
TOLUENE	108-88-3	Yes	200	100	d
ACETONE	67-64-1	No	1000	750	d
ETHYLENE GLYCOL N-BUTYL ETHER	111-76-2	Yes	25	25	d
PROPANE	74-98-6	No	1000	1000	d
METHYL ETHYL KETONE	78-93-3	Yes	200	200	d
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: N/A			Specific Gravity (H <sub>2</sub> O=1): Concentrate Only = .84		
Vapor Pressure: PSIG @ 70°F (Aerosols): Max.60			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A		
Vapor Density (Air = 1): N/E			Evaporation Rate ( = 1): N/E		
Solubility in Water: Partial			Water Reactive: No		
Appearance and Odor: Clear liquid, aromatic solvent odor.					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) EXTREMELY FLAMMABLE		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/A			EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.		
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.					
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.					
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 (Mat. to avoid): Acids and strong oxidizers.			Conditions to Avoid: Open flame, welding arcs, heat, sparks.		
Hazardous Decomposition Products: CO, CO <sub>2</sub> .					
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 type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS					
ACUTE EFFECTS:					
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.					
Eye Contact: Irritation			Skin Contact: Irritation		
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.					
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, kidney and/or lung damage. Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycol Ether EB.					
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 15 minutes. If irritated, seek medical attention.					
Skin Contact: Wash with soap and water. If irritated, seek medical attention.					
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.					
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.					
Protective Gloves: Rubber gloves.			Eye Protection: Safety glasses recommended.		
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.					
Other Protective Clothing & Equipment: None					
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
Steps To Be Taken If Material is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. Prevent from entering drains or sewers.					
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 130°F.					
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.					

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