

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-1; Flammability-1; Reactivity-0; Special- - Manufactured For: Lagasse, Inc. Address: One Parkway North Deerfield, IL 60015			HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B DOT Hazard Classification: ORM-D Identity (trade name as used on label): BOARDWALK HEAVY DUTY GLASS CLEANER			
Phone: 800-989-7847 DOT Emergency Response Number: Chemtel: 800-255-3924 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			MSDS Number: A06410 Revision- 5 Date Prepared: 01/03/10 Prepared By: CH/IB Information Calls: 800-989-7847			
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 **
ETHANOL		64-17-5	No	1000	1000	d
2-BUTOXYETHANOL *		111-76-2	Yes	25 (skin)	20 (skin)	d
ISOBUTANE / PROPANE BLEND		75-28-5	No	800	800	d
		74-98-6	No	1000	1000	d
*GLYCOL ETHER						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A			Specific Gravity (H2O=1): Concentrate Only = 0.984			
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: Slight			Water Reactive: No			
Appearance and Odor: Clear,slightly foamy spray with chemical fragrance						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) CPSC: NOT CATEGORIZED AS 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 SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.			EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.			
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE Incompatibility (Mat. to avoid): Strong oxidizers and alkalies.			HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR Conditions to Avoid: Open flame, welding arcs, heat, sparks.			
Hazardous Decomposition Products: CO2, CO						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS:						
Inhalation: Excessive inhalation of vapors can be harmful and may cause headaches, dizziness, asphyxia, anesthetic effects and possible unconsciousness.						
Eye Contact: Mild irritant.			Skin Contact: Mild irritant.			
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.						
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, upper respiratory conditions, liver disease & heart irregularities.						
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 NIOSH or U.S. Bureau of Mines for organic vapor.						
Protective Gloves: Latex, nitrile or PVC if skin is easily irritated.			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. DO NOT FLUSH TO SEWER.						
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.						

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