



The Clorox Company
1221 Broadway
Oakland, CA 94612
Tel: (510) 271-7000

Material Safety Data Sheet

CLO 35393

I Product:	COMMERCIAL SOLUTIONS™ FORMULA 400® GLASS & SURFACE CLEANER	
Description:	CLEAR/PURPLE LIQUID WITH OPTIC-BRIGHT	
Other Designations:	Distributor:	Emergency Telephone Nos.:
	Clorox Professional Products Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call (800) 446-1014 For Transportation Emergencies Contact (800) 424-5300

II Health Hazard Data	III Hazardous Ingredients	
Eye contact may result in temporary conjunctival redness. Overexposure to this product may cause the Worker Exposure Limit of 2-butoxyethanol to be exceeded. 2-Butoxyethanol has been shown to cause red blood cell hemolysis in laboratory animals and secondary injury to the kidneys and liver. However, humans appear to be resistant to this effect. No medical conditions are known to be aggravated by exposure to this product.	Ingredient	Concentration
IRITIS:	Isopropyl alcohol	2-7%
EYE CONTACT: Flush eyes with plenty of water for 15 minutes. If irritation persists, call a physician.	CAS # 67-63-0	400 ppm - TLV - WA* 400 ppm - PEL ¹ 500 ppm - TLV-STB ²
SKIN CONTACT: Wash skin with water.	2-Butoxyethanol	1-5%
INHALATION: Drink a glassful of water. Call a physician.	CAS # 111-76-2	20 ppm - TLV - WA* 30 ppm - PEL ¹
INHACTION: Breathe in fresh air. If breathing problems develop, call a physician.	Note that 2-butoxyethanol can be absorbed through the skin. It may contribute to overall exposure.	
	TLV - WA = ACGIH Threshold Limit Value - Time Weighted Average PEL = OSHA Permissible Exposure Limit - Time Weighted Average TLV - STB = ACGIH Threshold Limit Value - Short Term Exposure Limit	
	None of the materials in this product are on the OSHA 302 or 314 (harmful) lists.	

IV Special Protection and Precautions	V Transportation and Regulatory Data
Hygiene Precautions: Wash hands after direct contact.	DOT: Not restricted per 49 CFR 173.120(a)(3) and Appendix B
Engineering Controls: Use local exhaust to minimize exposure to product mist.	ADR: Not restricted per IMDG Code Page 1010 Paragraph 5.1.7.1.1
Personal Protective Equipment: Wear safety glasses. Wear rubber or nitrile gloves if there is the potential for repeated or prolonged skin contact.	IA (2): Not restricted per IATA DGR Sections 3.2.1.2 and 3.2.1.5
Notes: Do not use on tinted windows. On painted surfaces and wall coverings, test a small inconspicuous area before use.	TOCA status: All components of this product are on the 130A Inventory
—HMB: H-3, F+2, R05, PP-1B	EPA - CAA (2) (6) (C) (1): This product is regulated under Section 311(b)(2). This product contains no chemicals which are regulated under Section 312 and contains glycol ethers (<5%), ammonium carbonate (CAS # 4935-21-9, <1%), and ammonium carbonate (CAS # 111-76-2, <1%) which are regulated under Section 300 CFCPLA.
Hazard Scale: 1=light 2=moderate 3=serious 4=severe	

VI Spill Procedures/Waste Disposal	VII Reactivity Data
Spill Procedures: Absorb and containize. Wash residue down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed down material.	Stable under normal use and storage conditions.
Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.	

VIII Fire and Explosion Data	IX Physical Data
Flash Point: <122°F (Tag listed only)	PH: 10.9-11.0
Key Flammable Gases: Dry chemical, carbon dioxide (CO ₂), foam or water spray	Specific Gravity: 1.010
	Solubility in water: Soluble