

ITEM NUMBER: 050 GLIMMER GLASS CLEANER

VERSION 4 EFFECTIVE DATE: 05/03/04 SUPERCEDES: 12/16/02 PREPARED BY: Regulatory Compliance

Section(s) Revised: II, IX

IDENTITY (As Used On Label and List): GLIMMER GLASS CLEANER

Emergency Medical Telephone Number 1-866-836-8855 (24 HRS) Outside the U.S.A. Call 651/632-9275

PRODUCT HAZARD RATINGS (HMIS): - Health = 1\*, Fire = 1, Reactivity = 0, Protective Equipment = A

(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, \* = Chronic Hazard)

**SECTION I**SAC-VAL JANITORIAL SUPPLY  
2400 MANNING STREET  
SACRAMENTO, CA 95815TELEPHONE NUMBER FOR INFORMATION: 1-800-600-8989  
NAME OF PREPARER: Regulatory Compliance  
DATE PRINTED: 1/04/05**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Chemical Names	CAS #	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
Ethyl Alcohol	64-17-5	Yes	1000 ppm/NE	1000 ppm/NE	1-5
2-Butoxyethanol	111-76-2	Yes	20 ppm*/NE	25 ppm*/NE	1-5
Liquefied petroleum gas mixture	68476-85-7	No	See below ingredient data		1-5
Propane	74-98-6	No	2500 ppm/NE	1000 ppm/NE	--
N-Butane	106-97-8	No	800 ppm/NE	NE/NE	--
Isobutane	75-28-5	No	NE/NE	NE/NE	0.5-2.0

Balance of ingredients are non-hazardous or below reportable levels.

\* Potential significant contribution to the overall exposure of this chemical via the skin

**SECTION III - PHYSICAL CHARACTERISTICS**Boiling Point: NA Vapor Pressure (psig): 153 @ 130F / 68 @ 70F Specific Gravity (H2O=1): 0.9577 pH: 10  
Solubility/Water: Completely Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): ND  
Appearance and Odor: Aerosol spray with fragrant odor.**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Aerosol Flammability: Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flashpoint: &lt;0F (Propellant); none even upon boiling (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 1.9 UEL: 9.5

Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

**SECTION V - REACTIVITY DATA**

Stability: Stable Hazardous Polymerization: NA

Incompatibility (Materials to Avoid): Oxidizing agents, reducing agents, acids, bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrocarbon vapors.

Conditions to Avoid: Keep away from heat, sparks, and flames. Dropping of containers may cause bursting.

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry - Inhalation: X Eyes: X Skin: X

HAZARDS IDENTIFICATION: EYES: May cause mild irritation. SKIN: Prolonged or repeated contact may cause irritation.  
INHALATION: Prolonged exposure can be irritating to eyes, nose and respiratory tract. INGESTION: Not hazardous in normal industrial use.

AGGRAVATED MEDICAL CONDITIONS: None Known.

CHRONIC EFFECTS/TARGET ORGANS: Liver. Kidneys. Nervous system. Heart and/or circulatory system.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. SKIN: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. INGESTION: Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.