

MATERIAL SAFETY DATA SHEET

Section 1 - Material Identity	
Product Name: MIRACLE PROFESSIONAL GLASS CLEANER - #6203-01	Product Use: CLEANING COMPOUND
Manufacturer(s) Supplier (s) Name & Address	Telephone Number: (215) 698-0500
ARDEX LABORATORIES, INC. 2050 BYBERRY ROAD PHILADELPHIA , PA 19116	Days: (215) 698-0500 Nights: CHEMTREC: 800/424-9300
DOT Proper Shipping Name: Aerosols, 2, UN 1950	May be reclassified in the US for ground or vessel shipments as : ORM-D CONSUMER COMMODITY
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Section 2 - Physical & Chemical Characteristics		
Vapor Density (air=1): N/A	Solubility in Water by Weight: soluble	Boiling Point: propane N/A
Appearance and Odor: WIDE HOLLOW CONE FOAM SPRAY WITH FLORAL ODOR	Specific Gravity: solvent mix <1.00	Freezing Point: n/a
Vapor Pressure : 140 PSIG @ 130 F	Percent Volatile by Volume:<45%	Evap. Rate (Butyl Acetate=1): <1

Section 3 -Ingredients & Specifications				
Materials	%	TLV	Hazard	CAS Number
2-BUTOXYETHANOL	<10	25 PPM	FLAMMABLE	110-54-3
ETHYL ALCOHOL	<20	1000 PPM	FLAMMABLE	74-98-6
LIQ. PETROLEUM GAS	<5	1000 PPM	FLAMMABLE	75-28-5
METHYL ALCOHOL	<1	200 PPM		

Section 4 - Fire & Explosion Hazard Data
Flash Point & Method: NON-FLAMMABLE AS DESCRIBED IN 16 CFR 1500.45
Flammable Limits in Air % by volume: Lower: 1.8Upper: 9.2
Extinguishing Media: FOAM, CO2 DRY CHEMICALS
Special Fire Fighting Procedures: CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP.
Unusual Hazards: AT ELEVATED (OVER 130 DEG F) TEMPERATURE CONTAINERS EXPOSED TO HEAT SHOULD BE COOLED.

Section 5 - Health Hazard Data	
Route of Entry	a) Skin b) eyes:
Effects of Acute Exposure: <u>HEALTH: 1</u> <u>FLAMMABILITY: 0</u> <u>REACTIVITY: 0</u> <u>PERSONAL PROTECTION: A</u>	a) Skin Contact: PROLONGED OR REPEATED CONTACT MAY CAUSE REDNESS, BURNING AND DRYING AND CRACKING OF THE SKIN.
	b) Eye Contact: MAY CAUSE STINGING, TEARING, REDNESS AND SWELLING.
	c) Swallowing: MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT, SIGNS OF NERVOUS SYSTEM DEPRESSION (E.G., DROWSINESS, DIZZINESS, LOSS OF CONCENTRATION, AND FATIGUE.)
	d) Skin Absorption: PROMPTLY WASH AFFECTED AREA WITH EXCESS WATER. REMOVE CLOTHING. GET MEDICAL ATTENTION.
	e) Inhalation: MOVE PERSON TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. KEEP PERSON WARM AND AT REST. GET MEDICAL ATTENTION.
Chronic Effects of Overexposure:	

	EXPOSURE TO HIGH CONCENTRATIONS OF THIS MATERIAL (E.G., IN ENCLOSED SPACES OR WITH DELIBERATE ABUSE) MAY BE ASSOCIATED WITH CARDIAC ARRHYTHMIAS. EPINEPHRINE AND OTHER SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIAC ARRHYTHMIAS IN PERSONS EXPOSED TO THIS MATERIAL. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.
Other Health Hazards:	N/A
Emergency and First Aid Procedures:	a) Skin: WASH WITH SOAP AND RINSE WITH WATER. CONTACT PHYSICIAN.
	b) Eyes: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION. DO NOT WEAR CONTACT LENSES.
	c) Swallowing: Do NOT induce vomiting. Give two (2) glasses of water. Contact physician immediately.
	d) Inhalation: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. CONTACT PHYSICIAN.

Carcinogen Evaluation N/A

Section 6 - Reactivity Data

Stability -	Yes
Conditions to Avoid for Stability	KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME. DO NOT STORE ABOVE 120 DEG. F.
Incompatibility (Materials to Avoid) -	Avoid strong acids or bases, oxidizing agents & selected amines. This product forms combustible and/or explosive mixtures with air or oxygen.
Hazardous Polymerization -	Will not occur
Hazardous Decomposition/Byproducts	Carbon Monoxide and/or Carbon Dioxide.

Section 7 - Spill or Leak Procedures

Release/Spill Procedures	VENTILATE AREA. ABSORB INTO NON-REACTIVE MEDIA SUCH AS DIATOMACEOUS EARTH OR VERMICULITE; SWEEP INTO NON-REACTIVE VESSEL (I.E., STEEL DRUM OR PAIL)
	WASTE DISPOSAL METHOD: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

Section 8 - Special Protection Information

Protective Equipment	Eyes: CHEMICAL GOGGLES OR SAFETY GLASSES.
	Respirator: USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR.
	Gloves: WEAR IMPERMEABLE GLOVES (BUTYL OR HEAVY VINYL LATEX TYPE)
	Other: USE RESPIRATOR WHEN WORKING IN A TOTALLY CLOSED SYSTEM.
Ventilation	General Mechanical: IF required
	Other: USE IN A WELL VENTILATED AREA

Section 9 - Special Precautions

Handling & Storage	General: CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120 DEG. F
	Other: DOES NOT PUNCTURE OR INCINERATE.

Section 10- Other Information

The information contained herein is based on data considered accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility for personal injury or property damage to vendees, users or third parties caused by the material. We also do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

Prepared By:

ARDEX LABORATORIES, INC.

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