

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: AMMONIATED GLASS & WINDOW CLEANER
PRODUCT CODE: Z42 (formerly 1100)
PRODUCT CLASS: LIQUID CLEANING COMPOUND

RATINGS:
4-EXTREME
3 SERIOUS
2-SIGNIFICANT
1-LIGHT
0-MINIMUM

HMIS HAZARD RATING:	
HEALTH	0
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION:	B

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: CELLO PROFESSIONAL PRODUCTS
ADDRESS: 1354 Old Post Road, Havre de Grace, MD 21078
EMERGENCY PHONE - INFOTRAC 24 HOURS: 800-535-5053
INFORMATION PHONE: 800-638-4850

REVISED: 7/1/06

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
# Isopropyl Alcohol ACGIH: TWA 400 ppm 8 HRS / STEL 500 ppm 15 MIN. OSHA: TWA 400 ppm 8 HRS / STEL 500 ppm 15 MIN.	67-63-0	33	68°F	2.50
* Ethylene Glycol Monobutyl Ether PEL 25 ppm; 120 mg/m ³ TWA (8 hr.) Skin TLV 25 ppm; 121 mg/m ³ TWA (8 Hr.) Skin	111-76-2	.6	20°C	1.50

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Indicates hazardous chemical(s) subject to the reporting requirements of section 312 of Title III and of 40 CFR 370.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 194°F
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Faster than water
APPEARANCE : Blue
pH : 11.0 ± 0.25

SPECIFIC GRAVITY (H₂O=1): 1.00
VAPOR PRESSURE : 24.573 mmHg
SOLUBILITY IN WATER: Completely
ODOR : Slight Ammonia
VOLATILE : 99.55%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 118°F FLASH METHOD: SETA FLASH FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.1 UPPER: 12.7
EXTINGUISHING MEDIA: CO₂ and/or Dry Chemical
SPECIAL FIREFIGHTING PROCEDURES: Spray water on cartons involved in fire to keep them from igniting. Wear self-contained breathing apparatus due to the possible toxic fumes from plastic containers and or the vaporization of potentially harmful chemicals. (See Section II)
UNUSUAL FIRE AND EXPLOSION HAZARDS: Treat as an alcohol fire.

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Sparks or open flame.
INCOMPATIBILITY (MATERIALS TO AVOID): Acids and/or Oxidizers
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Nitrogen, carbon dioxide and carbon monoxide
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: High concentrations may cause kidney and liver damage, dizziness, headaches, nausea, and vomiting.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Can cause irritation to eyes, causing corneal damage. Can also cause skin irritation and defatting.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Absorption through skin may cause headache, nausea, dizziness and vomiting.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation to digestive system. Prolonged exposure may cause kidney and liver damage.
HEALTH HAZARDS (ACUTE AND CHRONIC): Contact with eyes can cause corneal damage. Extended overexposure can cause kidney/liver damage, dizziness, headaches, nausea, vomiting.
CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No not listed
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate existing condition of dermatitis and/or liver or kidney disorders.
EMERGENCY AND FIRST AID PROCEDURES:
IF IN EYES: Immediately flush with plenty of warm water for 15 minutes while keeping eyelids apart for maximum irrigation. If irritation persists contact physician.
IF ON SKIN: Wash off with large amounts of soap and water. If irritation persists contact a physician. Wash contaminated clothing before re-use.
IF INHALED: If victim complains of headache, dizziness or nausea, remove victim to fresh air. If breathing becomes difficult or condition persists, contact a physician.
IF INGESTED: Do not induce vomiting. Drink large quantities of water or milk. Contact physician or Poison Control Center immediately. Never give anything by mouth to an unconscious victim.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove sources of ignition and provide ventilation. Dike area to contain material, absorb product with absorbent material such as sand or commercial absorbent material. Sweep up and dispose in leak-proof container in accordance with state and local regulations.
WASTE DISPOSAL METHOD: Consult local, state and or federal authorities for proper disposal
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from excessive heat and extreme cold. Keep away from sparks and open flames in well ventilated area. Do not store near consumables. Keep out of reach of children.
OTHER PRECAUTIONS: Read and follow all directions. Use in a manner consistent with product intent.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None needed for normal use
VENTILATION: Normal ventilation adequate.
PROTECTIVE GLOVES: Chemical resistant gloves recommended
EYE PROTECTION: Safety splash goggles recommended
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.
WORK/HYGIENIC PRACTICES: Wash hands after use and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.

SECTION IX - REGULATORY INFORMATION

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE US TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY.

This product is not a DOT hazardous material. BILL of LADING (all sizes): "Compound, cleaning and/or polishing"

The ingredients from Section II are subject to the following reporting requirements:

MA - The Massachusetts Hazardous Substance List

NJ - The New Jersey Right-to-Know Hazardous Substance List

PA - The Pennsylvania Hazardous Substance List

SECTION X - DISCLAIMER

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended or implied as to the applicability of this information to the users intended purpose or for the consequences of its use or misuse.