



GLASS & HARD SURFACE CLEANER #5104

TECHNICAL DATA SHEET

GENERAL INFORMATION:

This foam type aerosol window cleaner is formulated for fast, efficient cleaning of most hard surfaces. While originally designed for use on glass and mirrors, it is an exceptionally efficient cleaner for plastics, metals, chrome, tile, and porcelain. It leaves a sparkling clean surface, but provides a long lasting invisible, anti-soil residue which keeps surfaces bright long after cleaning.

This foam-type cleaner saves time and labor. Use in offices, schools, churches, store buildings, etc., wherever fingerprinting, smudging and soiling is a problem. This product is an ideal general and/or spot cleaner. Not recommended for finished wood surfaces, fabrics, or auto bodies.

DIRECTIONS:

Shake well. Hold container upright. Point valve towards surface to be cleaned, holding container about 6 to 12 inches away. Press button. Spray on sparingly. Wipe surface immediately with a clean, dry or damp soft cloth, or a slightly dampened sponge. For walls and larger surfaces, start from bottom and work up. For hard to reach surfaces, spray on a clean cloth or slightly dampened sponge and wipe dry.

CAUTION: Keep out of reach of children. Contents under pressure. Store at room temperature away from direct sunlight. Do not expose to heat, open flame or fire. Do not store at temperatures above 120°F.

SPECIFICATIONS:

APPEARANCE: Light, white foam

SCENT: Slight ammonical

SPRAY PATTERN FROM 8": 4.5 inch solid circle

DELIVERY RATE: 1.9 gms/sec

PROPELLANT: Hydrocarbon

FLAMMABILITY: Non-flammable, flame extention

WEIGHT PER GALLON (conc.): 8.2 lbs.

pH (conc.): 10.4

CONTENTS OF CAN: 18 oz.

For Professional Use Only.

HILL & MARKES, INC.
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518-842-2410/FAX-1207



Member of Grow Group, Inc.

Havre de Grace, MD 21078 • Fort Worth, TX 76119

Technical data furnished herein is accurate and true to the best of our knowledge. However, no guarantee of accuracy is expressed or implied. We assume no responsibility or liability as a result of purchase, coverage, application or injuries resulting from use.

MATERIAL SAFETY DATA SHEETHMIS CODES: H F R P
1108Window Cleaner - Aerosol
Product Name: Window Cleaner
Product Code: 5104
Product Class: Cleaner, Aerosol**SECTION 1 - MANUFACTURER IDENTIFICATION**MANUFACTURER'S NAME: CELLO CORP.
ADDRESS: 1354 Old Post Rd., Havre de Grace, MD. 21078
EMERGENCY PHONE: 800-522-3556 - CHEMTREC PHONE: 800-424-9300 - INFORMATION PHONE: 410-939-1234
DATE PRINTED: 7/19/94 NAME OF PREPARER: Technical Department**SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
ISOBUTANE/PROPANE TLV: 1000ppm	88476-86-8	3819 70°F	5
ISOPROPYL ALCOHOL ACGIH: TWA 400ppm 8HRS / STEL 500ppm 15 min. OSHA: TWA 400ppm 8HRS / STEL 500ppm 15 min.	67-63-0	33 68°F	5

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 200°F	SPECIFIC GRAVITY (H ₂ O=1): .98
VAPOR DENSITY: HEAVIER THAN AIR	VAPOR PRESSURE: 70 PSIG (AEROSOL)
EVAPORATION RATE: SLOWER THAN WATER	SOLUBILITY IN WATER: COMPLETELY
APPEARANCE: COLORLESS LIQUID	ODOR: ALCOHOL
pH: 10.4 ± .2	VOLATILE: 92.71%

SECTION IV - FIRE AND EXPLOSION HAZARD DATAFLASH POINT: NON-FLAMMABLE FLASH METHOD: SETA FLASH FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.8 UPPER: 25
EXTINGUISHING MEDIA: FOAM, CO₂, WATER FOG
SPECIAL FIREFIGHTING PROCEDURES: If involved in a fire, spray containers with water to keep fire exposed containers cool.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans involved in a fire may tend to burst and "rocket" releasing flammable gas. If material is released during a fire, area will become slippery.**SECTION V - REACTIVITY DATA**STABILITY: STABLE
CONDITIONS TO AVOID: EXTREME HEAT OR FLAMES. KEEP FROM FREEZING. AVOID CONTACT WITH ALUMINUM OR OTHER SOFT METALS.
INCOMPATIBILITY (MATERIALS TO AVOID): ACIDS, STRONG ALKALIES AND OXIDANTS
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 ARE IRRITATING OF THE EYES AND RESPIRATORY TRACT. MAY CAUSE HEADACHE, DIZZINESS, NAUSEA AND VOMITING.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CORROSIVE TO SKIN, COULD CAUSE BLINDNESS IF GOTTEN IN EYES.
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: CONSIDERED MILD IRRITANT UPON INGESTION. COULD AFFECT MUCOUS MEMBRANES.
HEALTH HAZARDS (ACUTE AND CHRONIC): CONTACT WITH EYES CAN CAUSE CORNEAL DAMAGE. EXTENDED OVEREXPOSURE CAN CAUSE DIZZINESS, HEADACHES, NAUSEA, AND VOMITING.
CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: Yes NOT LISTED
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: MAY AGGRAVATE EXISTING CONDITIONS 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: Drink large amounts of fruit juices or vinegar followed by large quantities of milk or egg whites. Do not induce vomiting. Contact physician.**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove sources of ignition. Dike area to contain material. Area may become slippery. Neutralize by adding diluted solutions of any of the following acids: vinegar, citric acid, malic acid. Absorb product onto porous material such as sand, diatomaceous earth or commercial absorbent material. Shovel up into leak proof containers.
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 GOGGLES: CHEMICAL RESISTANT GLOVES RECOMMENDED.
EYE PROTECTION: SAFETY SPLASH GOGGLES RECOMMENDED.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: EYE WASH STATION IS RECOMMENDED.
WORKHYGIENIC 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.
HAZARD CLASS: CONSUMER COMMODITY ORM-D
DOT LABEL: NON-CORROSIVEThe 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.