

MATERIAL SAFETY DATA SHEET

4117 RTU

Manufacturer's Name : THE BUTCHER COMPANY
Address : 67 Forest Street
Marlborough, MA 01752-3012

HMIS Rating
Health 0
Flammability 0
Reactivity 0

Telephone Number : (508) 481-5700

Emergency Telephone : (800) 228-5635 Ext. 118

Prepared By : Bonita C. Patterson

Date Prepared : September 6, 1989

Date Revised : July, 1996

IDENTITY

Common Name Command Center LOOK GLASS CLEANER Ready-to-Use 2
A 1:32 dilution of Command Center LOOK GLASS CLEANER Concentrate 2

Synonym Command Center GLASS CLEANER Ready-to-Use 2
A 1:32 dilution of Command Center GLASS CLEANER Concentrate 2

Proper Shipping Name; Hazard Class; Hazard ID No.; Packaging Group: Non Hazardous

INGREDIENT INFORMATION

Principal Hazardous Component(s)	CAS No.	%	Threshold Limit
----------------------------------	---------	---	-----------------

This material is not hazardous as per 20 CFR 1910.1200.

SARA Title III Section 313 and 40 CFR Part 372 Notification:
Ingredients in this material are not currently subject to notification

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point 212°F Specific Gravity 1.0 Vapor Pressure ND pH: 11.0-12.0 drifts down with time

Percent Volatile by Volume 100 Vapor Density ND Evaporation Rate ND

Solubility in Water Complete Appearance and Odor Clear light blue liquid; slight ammonia odor

Flash Point >200°F (T.C.C.) Extinguisher Media NA

Special Fire Fighting Procedures This product is not flammable

Unusual Fire and Explosion Hazards None known to The Butcher Company

ND=Not Determined, NE=Not Established, NA=Not Applicable

REACTIVITY DATA

Stability Stable Conditions to Avoid None known to The Butcher Company
Incompatibility None known to The Butcher Company
Hazardous Decomposition Products Normal products of combustion
Hazardous Polymerization Will Not Occur
Conditions to Avoid None known to The Butcher Company

HAZARD DATA

Signs and Symptoms of Exposure May cause temporary mild eye irritation.

Chemicals Listed as Carcinogens or Potential Carcinogens

None

Emergency and First Aid Procedures

1. Inhalation Remove to fresh air.
2. Eyes Flush with water for at least 15 minutes. Call a physician if irritation develops.
3. Skin Flush with water. Call a physician if irritation develops.
4. Ingestion Drink large quantities of water. Do not induce vomiting. Call a physician.

SPECIAL PROTECTION INFORMATION

Respiratory Protection None required if good ventilation is maintained.

Protective Gloves None required under normal use conditions.

Eye Protection No special requirements under normal use conditions. When eye contact may be a problem, use glasses.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage Use good personal hygiene practice. Wash contaminated clothing and equipment before reuse.

Release or Spill Before attempting clean-up, refer to Hazard Data above. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

Waste Disposal Treatment, storage, transportation, and disposal of this material must be in accordance with federal, state, and local regulations.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

MATERIAL SAFETY DATA SHEET

4117

Manufacturer's Name : THE BUTCHER COMPANY
Address : 67 Forest Street
 Marlborough, MA 01752-3012
Telephone Number : (508) 481-5700
Emergency Telephone : (800) 228-5635 Ext. 118
Prepared By : Bonita C. Patterson
Date Prepared : September 6, 1989
Date Revised : July, 1996

HMIS Rating
Health 2
Flammability 2
Reactivity 0

IDENTITY

Common Name Command Center LOOK GLASS CLEANER Concentrate 2

Synonym Command Center GLASS CLEANER Concentrate 2

Proper Shipping Name; Hazard Class; Hazard ID No.; Packaging Group: Non Hazardous

INGREDIENT INFORMATION

Principal Hazardous Component(s)	CAS No.	%	Threshold Limit
2-Butoxy ethanol	111-76-2	20-30	TLV/PEL: 25ppm Skin
Isopropyl alcohol	67-63-0	5-10	TLV/PEL: 400ppm; STEL: 500ppm
Ammonium hydroxide	1336-21-6	< 1	TLV: 25ppm; STEL: 35ppm
Ethanol	64-17-5	1-2	TLV/PEL: 1000ppm

SARA Title III Section 313 and 40 CFR Part 372 Notification: 2-Butoxy ethanol is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 under the chemical category of Glycol Ethers.

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point 212°F **Specific Gravity** 0.90 **Vapor Pressure** ND **pH**: 11.0-12.0 drifts down with time
Percent Volatile by Volume 90 **Vapor Density** ND **Evaporation Rate** ND
Solubility in Water Complete **Appearance and Odor** Clear blue liquid, ammonia odor
Flash Point 110°F (T.C.C.) **Extinguisher Media** Water, CO2, dry chemical
Special Fire Fighting Procedures In case of fire, cool uninvolved containers with water.
Usual Fire and Explosion Hazards When exposed to temperatures at or near flash point, build-up of vapors may occur.

ND=Not Determined, NE=Not Established, NA=Not Applicable

REACTIVITY DATA

Stability Stable Conditions to Avoid None known to The Butcher Company

Incompatibility None known to The Butcher Company

Hazardous Decomposition Products Normal products of combustion

Hazardous Polymerization Will Not Occur

Conditions to Avoid None known to The Butcher Company

HAZARD DATA

Signs and Symptoms of Exposure Direct contact of product with eyes may cause irritation. May be harmful if inhaled or absorbed through skin. High vapor concentrations may irritate eyes and respiratory tract. Prolonged or repeated contact with skin may cause irritation. Repeated overexposure may cause hemolysis of red blood cells leading to possible liver and kidney damage. Pre-existing eye, skin, and respiratory disorders may be aggravated.

Chemicals Listed as Carcinogens or Potential Carcinogens

None

Emergency and First Aid Procedures

1. **Inhalation** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention.
2. **Eyes** Flush with water for at least 15 minutes. Call a physician.
3. **Skin** Flush with water. Call a physician if irritation develops.
4. **Ingestion** Drink large quantities of water. Do not induce vomiting. Call a physician.

SPECIAL PROTECTION INFORMATION

Respiratory Protection None required if good ventilation is maintained. When needed a NIOSH approved respirator should be worn.

Protective Gloves Where skin contact may occur, wear rubber or other impervious gloves.

Eye Protection Where eye contact may be a problem, wear chemical splash goggles and face shield.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage Use good personal hygiene practice. Wash contaminated clothing and equipment before reuse.

Release or Spill Before attempting clean-up, refer to Hazard Data above. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

Waste Disposal Treatment, storage, transportation, and disposal of this material must be in accordance with federal, state, and local regulations.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.