

----- MATERIAL SAFETY DATA SHEET -----

Butcher

OUTPOST 2 LOOK GLASS CLEANER READY-TO-USE

2 LOOK Glass Cleaner Ready-to-Use
 Date Prepared: 10/02/2000
 Date Revised: 10/02/2000

SKIN: Flush with water, then wash with soap and water.
 Remove saturated clothing. Get medical attention if
 irritation develops.
 INHALATION: Remove to fresh air. Get medical attention if
 symptoms persist.
 INGESTION: Do not induce vomiting. Drink large quantities
 of water. Get medical attention.

 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 2 LOOK Glass Cleaner Ready-to-Use
 A 1:32 dilution of 2 LOOK Glass Cleaner Concentrate
 Product Synonyms:
 Command Center 2 LOOK Glass Cleaner Ready-to-Use
 A 1:32 dilution of Command Center 2 LOOK Glass Cleaner
 Concentrate;
 Outpost 2 LOOK Glass Cleaner Ready-to-Use
 A 1:32 dilution of Outpost 2 LOOK Glass Cleaner
 Concentrate;
 Command Center GLASS CLEANER Ready-to-Use 2
 A 1:32 dilution of Command Center GLASS CLEANER
 Concentrate 2
 MANUFACTURER: The Butcher Company
 67 Forest Street
 Marlborough, MA 01752-3012
 Butcher Telephone Number: 800-225-9475
 Emergency Telephone (24 hours): 800-228-5635
 CHEMTREC (U.S./Can.): 800-424-9300
 CHEMTREC (Int'l): +1 703-527-3887

 5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: >200 deg F 93 deg C TCC
 FLAMMABLE LIMITS: Not applicable.
 AUTOIGNITION TEMPERATURE: Not applicable.
 EXTINGUISHING MEDIA: Use extinguishing media appropriate
 for surrounding fire.
 HAZARDOUS COMBUSTION PRODUCTS: Normal products of
 combustion (carbon monoxide and carbon dioxide).
 FIRE AND EXPLOSION HAZARDS: None known.
 FIRE FIGHTING INSTRUCTIONS: This product is not flammable.
 As in any fire, MSHA/NIOSH approved self-contained
 breathing apparatus (SCBA) and full protective gear
 should be worn.

 6. ACCIDENTAL RELEASE MEASURES

Contain spill. Use mop, absorbent, or wet vacuum to collect
 material for proper disposal. Rinse area with water.

 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT
Ammonium hydroxide	1336-21-6	0.1 - 0.5

See Section 8 for Exposure Limits
 NA - Not Applicable
 OSHA REGULATORY STATUS: This product is classified as not
 hazardous under OSHA regulations.
 WHMIS CLASS: Not controlled.

 7. HANDLING AND STORAGE

HANDLING: Follow label use directions. Do not mix with
 other chemicals unless instructed by label directions.
 Use with adequate ventilation. Avoid breathing vapor or
 mist. Wash thoroughly after handling.
 STORAGE: No special storage practices are required. Keep
 container closed when not in use.

 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear, Light Blue Liquid. Mild, Ammonia
 Odor. Product Does Not Present a Significant Immediate
 Concern for Emergency Response Personnel.

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological
 Information)

PRIMARY ROUTE(S) OF EXPOSURE:

- Eye: X
- Skin Contact: X
- Skin Absorption:
- Inhalation: X
- Ingestion:

EFFECTS OF ACUTE EXPOSURE

EYES: Non-irritating to the eyes, but may cause temporary
 redness or discomfort.
 SKIN: Non-irritating to the skin.

INHALATION: High concentrations of vapor or mist may
 cause nose, throat and respiratory tract irritation.
 Symptoms may include coughing.

INGESTION: May cause temporary mouth, throat and stomach
 discomfort. Symptoms may include nausea.

EFFECTS OF CHRONIC EXPOSURE: None known.

MEDICAL CONDITIONS AGGRAVATED: None known.

 4. FIRST AID MEASURES

EYES: Flush eyes with plenty of water while holding eyelids
 apart. After initial flushing, remove any contact lenses and
 continue flushing for at least 15 minutes. Do not put
 any medication in the victim's eyes unless instructed by
 a physician. Get medical attention if irritation
 develops.

 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)
 EYE: Not required under normal conditions of use.
 SKIN: Not required under normal conditions of use.
 RESPIRATORY: Not required under normal conditions of use.
 ENGINEERING CONTROLS: Good general room ventilation is
 expected to be adequate.
 EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
Ammonium hydroxide	50 ppm (35 mg/m3)/ 35 ppm (27 mg/m3)	25 ppm (17 mg/m3)/ 35 ppm (24 mg/m3) (NH3)

NA - Not Available

 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
 ODOR: Mild, Ammonia
 APPEARANCE: Clear, Light Blue
 pH: 10.2
 PERCENT VOLATILE BY WEIGHT: 99.4
 VAPOR PRESSURE: Not Available
 VAPOR DENSITY: Not Available
 BOILING POINT: Not Available
 FREEZING/MELTING POINT: Not Available
 SOLUBILITY IN WATER: Complete
 EVAPORATION RATE: Not Available
 SPECIFIC GRAVITY: 1.00
 VISCOSITY: Water Thin
 OCTANOL/WATER PARTITION COEFFICIENT: Not Available
 ODOR THRESHOLD: Not Available

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10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable.
POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: None known.
INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: This product is typically non-irritating to skin and eyes at recommended use dilution.

PRODUCT/ INGREDIENT	ORAL LD50 (rat)	DERMAL LD50 (rabbit)	INHALATION LC50 (rat)
Ammonium hydroxide	350 mg/kg	Not Available	3670 ppm (4-hr)

SENSITIZATION DATA: No data available.
CHRONIC DATA: No data available.
REPRODUCTIVE/TERATOGENIC DATA: No data available.
CARCINOGENIC/MUTAGENIC DATA: Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.
SYNERGISTIC MATERIALS: No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, at its recommended use dilution, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

15. REGULATORY INFORMATION

Not meant to be all-inclusive - selected regulations represented.
UNITED STATES
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES:
Under 40 CFR 370.2, this product meets the following hazard categories: None.
313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.
CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA REGULATORY: Not reportable under CERCLA.
TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA STATUS: This product complies with all TSCA inventory requirements.
MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

INGREDIENT(S)	CAS NO.	STATE LISTING
Water	7732-18-5	Not Listed

NA - Not Applicable
STATE REGULATIONS: Product contains a mixture of surfactant and cleaning agents below State reporting requirements.

CANADA
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
Not controlled by WHMIS. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING
HEALTH: - 0
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL PROTECTION: -
NFPA RATING
HEALTH: 0
FIRE: 0
REACTIVITY: 0
SPECIAL: -
MSDS STATUS
Revision #: 4
This MSDS replaces the January 04, 2000 MSDS. Any changes in information are as follows:
In Section 1: Date Prepared [] Print CHEMTREC Phone Number
In Section 3: Potential Health Effects - Inhalation (text) Signs & Symptoms - Inhalation (text)
In Section 7: Handling (text)
In Section 8: Engineering Controls (text)
In Section 9: Appearance (text) (pH) (From) (Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density Odor Threshold (text) (Group Field) for Boiling Point (Group Field) for Freezing Point (Group Field) for Evaporation Rate Coeff Oil/Water (text)
In Section 10: Hazardous Decomposition Products (text)
In Section 15: OSHA Hazard Comm. Rule (text) WHMIS Class
APPROVED BY: EH&S/Regulatory Affairs
APPROVAL DATE: 10/02/2000

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

MSDS No: 4117 RTU

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COMPAS Code: 29253010