

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

Butcher

COMMAND CENTER 3 GLISTEN GLASS AND SURFACE CLEANER  
READY-TO-USE

3 GLISTEN Glass and Surface Cleaner Ready-to-Use  
MSDS Ref. No: 4308 RTU  
Date Prepared: 03/22/2002  
Date Revised: 03/22/2002

-----  
1. PRODUCT AND COMPANY IDENTIFICATION  
-----

PRODUCT NAME/USE: 3 GLISTEN Glass and Surface Cleaner  
Ready-to-Use  
A 1:19 dilution of 3 GLISTEN Glass and Surface Cleaner  
Concentrate  
Product Synonyms:  
Command Center 3 GLISTEN Glass and Surface Cleaner Ready-  
to-Use  
A 1:19 dilution of Command Center 3 GLISTEN Glass and  
Surface Cleaner Concentrate;  
Outpost 3 GLISTEN Glass and Surface Cleaner Ready-to-Use  
A 1:19 dilution of Outpost 3 GLISTEN Glass and Surface  
Cleaner Concentrate  
MANUFACTURER: The Butcher Company  
67 Forest Street  
Marlborough, MA 01752-3012  
Butcher Telephone Number: 800-225-9475  
Emergency Telephone (24 hours): 800-228-5635

-----  
2. COMPOSITION / INFORMATION ON INGREDIENTS  
-----

INGREDIENT(S)	CAS#	% BY WEIGHT
2-Butoxyethanol	111-76-2	1 - 3
Ammonium hydroxide	1336-21-6	0.25 - 1.0

See Section 8 for Exposure Limits  
NA - Not Applicable  
OSHA REGULATORY STATUS: This product is classified as  
hazardous under OSHA regulations.  
WHMIS CLASS: Class D- Division 2B

-----  
3. HAZARDS IDENTIFICATION  
-----

EMERGENCY OVERVIEW: Clear, Blue Liquid. Mild, Ammonia Odor.  
May Cause Eye Irritation.

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological  
Information)

PRIMARY ROUTE(S) OF EXPOSURE:

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

EFFECTS OF ACUTE EXPOSURE

EYES: May cause eye irritation. Symptoms may include  
redness and pain.

SKIN: May cause mild skin irritation. Symptoms may  
include redness.

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

INGESTION: May cause mouth, throat and stomach  
irritation. Symptoms may include nausea, vomiting and  
diarrhea. May also cause central nervous system effects  
including headache, dizziness and weakness.

EFFECTS OF CHRONIC EXPOSURE: Prolonged or repeated contact  
may cause skin irritation.

MEDICAL CONDITIONS AGGRAVATED: May aggravate pre-existing  
eye, skin and respiratory conditions.

-----  
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.

SKIN: Flush with water, then wash with soap and water.  
Remove saturated clothing. Get medical attention if  
irritation develops.

INHALATION: Remove to fresh air. If not breathing, give  
respiration; if breathing is difficult, give oxygen (by  
trained personnel only). Get medical attention if  
symptoms persist.

INGESTION: Do not induce vomiting. Drink large quantities  
of water. Get immediate medical attention. Never give  
anything by mouth to an unconscious person.

-----  
5. FIRE FIGHTING MEASURES  
-----

FLASH POINT AND METHOD: > 93 deg C (200 deg F)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), nitrogen  
oxides and ammonia.

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  
-----

See Section 8, Exposure Controls/Personal Protection and  
Section 3, Hazard Identification. Floors may be slippery.  
Use care to avoid falling. Contain and isolate spill.  
Keep non-essential personnel from entering spill area.  
Use mop, absorbent, or wet vacuum to collect material for  
proper disposal. Rinse area with water.

-----  
7. HANDLING AND STORAGE  
-----

HANDLING: Follow label use directions. Do not mix with  
other chemicals unless instructed by label directions.  
Avoid contact with skin, eyes and clothing. Use with  
adequate ventilation. Avoid breathing vapor or mist. Wash  
thoroughly after handling. Remove contaminated clothing.  
Wash clothing and equipment before reuse.

STORAGE: Keep container closed when not in use. Store away  
from incompatible materials. (See Section 10, Stability  
and Reactivity).

-----  
8. EXPOSURE CONTROLS / PERSONAL PROTECTION  
-----

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE: Where eye contact is possible, wear safety glasses  
with side shields or chemical splash goggles  
(ANSI Z87.1 approved).

SKIN: Where prolonged or repeated contact is possible,  
chemical-resistant clothing (e.g., gloves) is  
recommended.

RESPIRATORY: No respiratory protection is required if  
ventilation is adequate.

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

Butcher

COMMAND CENTER 3 GLISTEN GLASS AND SURFACE CLEANER  
READY-TO-USE

ENGINEERING CONTROLS: Good general room ventilation is expected to be adequate. Local exhaust ventilation (e.g., fans) may be necessary when general ventilation does not keep airborne concentrations below exposure limits.

EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
2-Butoxyethanol	25 ppm 120 mg/m3 / Skin	25 ppm 121 mg/m3 / Skin
Ammonium hydroxide	50 ppm 35 mg/m3 / 35 ppm 27 mg/m3 (NH3)	25 ppm 17 mg/m3 / 35 ppm 24 mg/m3

NA - Not Available

----- 9. PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL STATE: Liquid  
 ODOR: Mild, Ammonia  
 APPEARANCE: Clear, Blue  
 pH: 10.2 to 11.5  
 PERCENT VOLATILE BY WEIGHT: 99  
 VAPOR PRESSURE: Not Determined  
 VAPOR DENSITY: Not Determined  
 BOILING POINT: Not Determined  
 FREEZING/MELTING POINT: Not Determined  
 SOLUBILITY IN WATER: Complete  
 EVAPORATION RATE: Not Determined  
 SPECIFIC GRAVITY: 0.99  
 VISCOSITY: Water Thin  
 OCTANOL/WATER PARTITION COEFFICIENT: Not Determined  
 ODOR THRESHOLD: Not Determined

----- 10. STABILITY AND REACTIVITY -----

STABILITY (CONDITIONS TO AVOID): Stable.  
 POLYMERIZATION: Will not occur.  
 HAZARDOUS DECOMPOSITION: None known.  
 INCOMPATIBLE MATERIALS: Strong acids (e.g., hydrochloric) and oxidizers (e.g., bleach).

----- 11. TOXICOLOGICAL INFORMATION -----

ACUTE DATA:

No data is available for this product. Acute overexposure to high concentrations of the alcohol ethoxylate by dermal absorption has caused inflammatory changes of the lung in laboratory animals. The following additional data are available for product ingredients:

PRODUCT/ INGREDIENT	ORAL LD50 (rat)	DERMAL LD50 (rabbit)	INHALATION LC50 (rat)
2-Butoxyethanol	470 - mg/kg	220 - mg/kg	450 - ppm (4-hr)
Ammonium hydroxide	350 - mg/kg	Not Available	3670 - ppm (4-hr)

SENSITIZATION DATA: No data available.

CHRONIC DATA: Prolonged overexposure to high concentrations of 2-butoxyethanol by skin absorption, ingestion and inhalation has caused blood, liver and kidney effects in laboratory animals.

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 -----

This product is made with all biodegradable detergents. No other 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: Immediate, Delayed.

313 REPORTABLE INGREDIENTS: 2-Butoxyethanol 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 Glycol Ethers.

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
2-Butoxyethanol	111-76-2	MA, NJ, PA

NA - Not Applicable

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

Class D-Division 2B, eye irritant. 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: \* 1  
 FLAMMABILITY: 0  
 REACTIVITY: 0  
 PERSONAL PROTECTION: -

NFPA CODES:

HEALTH: 1  
 FIRE: 0  
 REACTIVITY: 0  
 SPECIAL: -

Butcher

COMMAND CENTER 3 GLISTEN GLASS AND SURFACE CLEANER  
READY-TO-USE

APPROVED BY: Product Safety & Regulatory  
MSDS STATUS

Revision No: 3  
Revision #: 3

This MSDS replaces the January 28, 2000 MSDS. Any changes in information are as follows:  
In Section 1: Approved by Date Prepared  
In Section 3: Potential Health Effects - Skin Absorption Signs & Symptoms - Inhalation  
In Section 7: Handling  
In Section 8: Engineering Controls  
In Section 11: Toxicological  
In Section 15: OSHA Hazard Comm. Rule WHMIS Class  
APPROVAL DATE: 03/22/2002

-----  
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.

-----  
DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:  
Although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). This MSDS is the most recent received from the product manufacturer or distributor.

-----  
COMPAS Code: 29253660