MATERIAL SAFETY DATA SHEET

3 GLISTEN Glass and Surface Cleaner Ready-to-Use

MSDS Ref. No: 4308 RTU
Date Prepared: 03/24/2005
Date Revised: 03/24/2005

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
8310 16th Street
Sturtevant, WI 53177-0902

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

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°C (200°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.

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	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, 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 LD_{50} (rat)	DERMAL LD_{50} (rabbit)	INHALATION LC_{50} (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

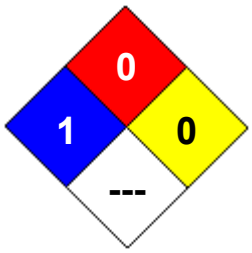
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-Division 2B, eye irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING

HEALTH	*	1
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		-

NFPA CODES:



APPROVED BY: Product Safety & Regulatory

MSDS STATUS

Revision No: 4

Revision #: 4

This MSDS replaces the March 22, 2002 MSDS. Any changes in information are as follows:
In Section 1
Date Prepared

APPROVAL DATE: 03/24/2005

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.