

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

Butcher

OUTPOST 8 BLUE SKIES II DISINFECTANT CLEANER  
READY-TO-USE

8 BLUE SKIES II Disinfectant Cleaner Ready-to-Use  
Date Prepared: 08/03/2000  
Date Revised: 10/19/2000

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.

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 8 BLUE SKIES II Disinfectant Cleaner  
Ready-to-Use  
A 1:64 dilution of BLUE SKIES II Disinfectant Cleaner  
Product Synonyms:  
Command Center 8 BLUE SKIES II Disinfectant Cleaner  
Ready-to-Use  
A 1:64 dilution of Command Center 8 BLUE SKIES II  
Disinfectant Cleaner Concentrate;  
Outpost 8 BLUE SKIES II Disinfectant Cleaner Ready-to-Use  
A 1:64 dilution of Outpost 8 BLUE SKIES II Disinfectant  
Cleaner Concentrate;  
Command Center Ready-to-Use 8  
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

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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.

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2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT
Didecyl dimethyl ammonium chloride	7173-51-5	<0.1
n-Alkyl dimethylbenzyl ammonium chloride	8001-54-5	<0.1

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

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6. ACCIDENTAL RELEASE MEASURES

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

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7. HANDLING AND STORAGE

HANDLING: Use good personal hygiene practices. No special  
precautions are required for anticipated conditions of  
use. Remove saturated clothing.  
STORAGE: No special storage practices are required. Keep  
container closed when not in use.

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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: No special controls are required.  
EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
Didecyl dimethyl ammonium chloride	NA	NA
n-Alkyl dimethylbenzyl ammonium chloride	NA	NA
NA - Not Available		

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3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear, Colorless Liquid. Fresh 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:  
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: Not expected to be irritating or harmful if  
inhaled.

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

EFFECTS OF CHRONIC EXPOSURE: None known.

MEDICAL CONDITIONS AGGRAVATED: None known.

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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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid  
ODOR: Fresh  
APPEARANCE: Clear, Colorless  
pH: 7.2  
PERCENT VOLATILE BY WEIGHT: 99.9  
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)
Didecyl dimethyl ammonium chloride	450 mg/kg	3342 mg/kg	Not Available
n-Alkyl dimethyl-benzyl ammonium chloride	590 mg/kg	2000 mg/kg	Not Available

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: None of the ingredients in this product are 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 quaternary ammonium compounds below State reporting requirements.

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 #: 2  
This MSDS replaces the January 04, 2000 MSDS. Any changes in information are as follows:  
In Section 1: Prepared By Date Prepared [ ] Print CHEMTREC Phone Number  
In Section 9: (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)  
APPROVED BY: EH&S/Regulatory Affairs  
APPROVAL DATE: 10/19/2000

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: 4206 RTU

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