



## MATERIAL SAFETY DATA SHEET

8 BLUE SKIES II  
Disinfectant Cleaner  
Ready-to-Use

MSDS Ref. No: 4412RTU  
Date Prepared: 10/15/2002  
Date Revised: 08/25/2003

### 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  
8310 16th St.  
Sturtevant, WI 53177-0902

**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

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
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 hazardous under OSHA regulations.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear, Colorless Liquid . Fresh Odor. May Cause Eye Irritation.

#### POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE: ☒ Eye    ☒ Skin Contact    ☐ Skin Absorption  
☐ Inhalation    ☐ Ingestion

#### EFFECTS OF ACUTE EXPOSURE

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

**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.

#### 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.

**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.

#### 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).

**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.

#### 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.

#### 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)

Didecyl dimethyl ammonium chloride  
n-Alkyl dimethylbenzyl ammonium chloride

##### OSHA PEL/STEL

NA  
NA

##### ACGIH TLV/STEL

NA  
NA

NA - Not Available

#### 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

## 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 causes mild eye irritation at strongest recommended dilution.

### PRODUCT/INGREDIENT

Didecyl dimethyl ammonium chloride

n-Alkyl dimethylbenzyl ammonium chloride

### ORAL LD<sub>50</sub> (rat)

450 - mg/kg

590 - mg/kg

### DERMAL LD<sub>50</sub> (rabbit)

3342 - mg/kg

2000 - mg/kg

### INHALATION LC<sub>50</sub> (rat)

Not Available

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.

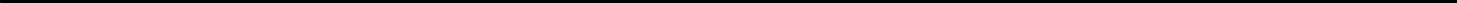
## 13. DISPOSAL CONSIDERATIONS

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)

Water

NA - Not Applicable

CAS NO. STATE LISTING

7732-18-5 Not Listed

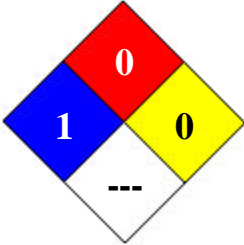
STATE REGULATIONS: Product contains a mixture of surfactant and quaternary ammonium compounds below State reporting requirements.

16. OTHER INFORMATION

HMIS RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	-

NFPA CODES:



APPROVED BY: Product Safety & Regulatory

MSDS STATUS

Revision No: New MSDS

New MSDS

APPROVAL DATE: 08/25/2003

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.

