



# MATERIAL SAFETY DATA SHEET

**18 BROADCAST High Intensity  
Deodorant Ready-to-Use**

Date Prepared: 09/09/1997  
Date Revised: 01/28/2000

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 18 BROADCAST High Intensity Deodorant Ready-to-Use  
A 1:4, 1:20, or 1:40 dilution of 18 BROADCAST High Intensity Deodorant Concentrate

Product Synonyms: Command Center 18 BROADCAST High Intensity Deodorant Ready-to-Use  
A 1:4, 1:20, or 1:40 dilution of Command Center 18 BROADCAST High Intensity Deodorant Concentrate;  
Outpost 18 BROADCAST High Intensity Deodorant Ready-to-Use  
A 1:20 dilution of Outpost 18 BROADCAST High Intensity Deodorant 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 NO.	% BY WEIGHT
Linear primary alcohol ethoxylate	34398-01-1	1 - 3
n-Alkyl dimethylbenzyl ammonium chloride	68391-01-5	0.1 - 0.5
n-Alkyl dimethyl ethyl benzyl ammonium chloride	68956-79-6	0.1 - 0.5

See Section 8 for Exposure Limits      NA - Not Applicable

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
Clear, Pink 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:  
May cause mild skin irritation. Symptoms may include redness.

INHALATION:  
Not expected to be irritating or harmful if inhaled.

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**INGESTION:**

May cause mouth, throat and stomach irritation. Symptoms may include nausea, vomiting and diarrhea.

**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged or repeated contact may cause skin irritation.

**MEDICAL CONDITIONS AGGRAVATED:**

May aggravate pre-existing eye and skin conditions.

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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.

**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 immediate medical attention. Never give anything by mouth to an unconscious person.

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**5. FIRE FIGHTING MEASURES**

**FLASH POINT AND METHOD:** >200°F 93°C TCC

**FLAMMABLE LIMITS:**

Not determined.

**AUTOIGNITION TEMPERATURE:** Not applicable.

**EXTINGUISHING MEDIA:**

Use water fog, dry chemical, CO<sub>2</sub>, or foam.

**HAZARDOUS COMBUSTION PRODUCTS:**

Normal products of combustion (carbon monoxide and carbon dioxide).

**FIRE AND EXPLOSION HAZARDS:**

None known.

**FIRE FIGHTING INSTRUCTIONS:**

Evacuate area. Cool containers exposed to fire with water. 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 and absorbent 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 eyes. Wash thoroughly after handling. Remove saturated 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 chemical splash goggles (ANSI Z87.1-approved).

#### **SKIN:**

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

#### **RESPIRATORY:**

Not required under normal conditions of use.

### **ENGINEERING CONTROLS:**

General room ventilation is expected to be adequate.

### **EXPOSURE LIMITS:**

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Linear primary alcohol ethoxylate	NE	NE
n-Alkyl dimethylbenzyl ammonium chloride	NE	NE
n-Alkyl dimethyl ethyl benzyl ammonium chloride	NE	NE

*NE - Not Established*

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid  
ODOR: Fresh  
APPEARANCE: Clear, Pink  
pH: 9.7  
PERCENT VOLATILE BY WEIGHT: 97  
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: 1.005  
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.

### INCOMPATIBLE MATERIALS:

Oxidizers (e.g., bleach).

## 11. TOXICOLOGICAL INFORMATION

### ACUTE DATA:

This product may cause eye irritation at strongest recommended dilution. The following data are available for product ingredients:

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD<sub>50</sub> (rat)</u>	<u>DERMAL LD<sub>50</sub> (rabbit)</u>	<u>INHALATION LC<sub>50</sub> (rat)</u>
Linear primary alcohol ethoxylate	700–1700 mg/kg	>2000 mg/kg	Not Available
n-Alkyl dimethylbenzyl ammonium chloride	500 mg/kg	>2000 mg/kg	Not Available
n-Alkyl dimethyl ethyl benzyl ammonium chloride	500 mg/kg	>2000 mg/kg	Not Available

### SENSITIZATION DATA:

No data available.

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**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.

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**12. ECOLOGICAL INFORMATION**

No data available.

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**13. DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, at its strongest recommended 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.

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**14. TRANSPORT INFORMATION**

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

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**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 category:  
Immediate.

**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.

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**MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:**

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>STATE LISTING</u>
Water	7732-18-5	Not Listed
Linear primary alcohol ethoxylate	34398-01-1	Not Listed

NA - Not Applicable

**CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):**

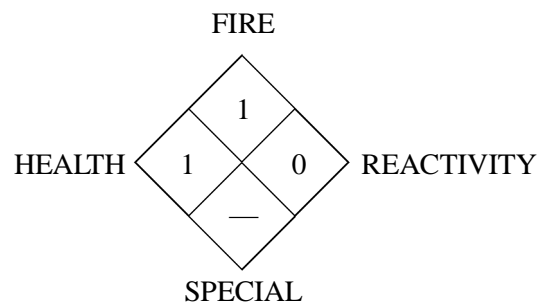
Class D-Division 2B, eye irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	-	1
FLAMMABILITY		1
REACTIVITY		0
PERSONAL PROTECTION	-	

**NFPA RATING**



**MSDS STATUS**

Revision #: 3

This MSDS replaces the January 04, 2000 MSDS. Any changes in information are as follows:

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 01/28/2000

*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.*