



## MATERIAL SAFETY DATA SHEET

36 BLAST Non-Solvent  
Cleaner/Degreaser Ready-  
to-Use

MSDS Ref. No: 4321 RTU  
Date Prepared: 03/05/2002  
Date Revised: 03/05/2002

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME/USE:** 36 BLAST Non-Solvent Cleaner/Degreaser Ready-to-Use

A 1:10, 1:32 or 1:128 dilution of 36 BLAST Non-Solvent Cleaner/Degreaser Concentrate

Product Synonyms: Command Center 36 BLAST Non-Solvent Cleaner/Degreaser Ready-to-Use

A 1:10, 1:32, or 1:128 dilution of Command Center 36 BLAST Non-Solvent Cleaner/Degreaser Concentrate;

Outpost 36 BLAST Non-Solvent Cleaner/Degreaser Ready-to-Use

A 1:32 dilution of Outpost 36 BLAST Non-Solvent Cleaner/Degreaser 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  
**CHEMTREC (U.S./Can.):** 800-424-9300  
**CHEMTREC (Int'l):** +1 703-527-3887

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### INGREDIENT(S)

Sodium metasilicate

**CAS#**  
6834-92-0

**% BY WEIGHT**  
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, Red Liquid . Mild Detergent 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:** High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing.

**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.



## 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.

## 5. FIRE FIGHTING MEASURES

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

**FLAMMABLE LIMITS:** Not determined.

**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

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:** Good general room ventilation is expected to be adequate.

### EXPOSURE LIMITS:

#### INGREDIENT(S)

Sodium metasilicate

#### OSHA PEL/STEL

NA

#### ACGIH TLV/STEL

NA

NA - Not Available

## 9. PHYSICAL AND CHEMICAL PROPERTIES



## 36 BLAST Non-Solvent Cleaner/Degreaser Ready-to-Use

**PHYSICAL STATE:** Liquid  
**ODOR:** Mild Detergent  
**APPEARANCE:** Clear, Red  
**pH:** 12.6  
**PERCENT VOLATILE BY WEIGHT:** 98  
**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:** 1.00  
**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).

### 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>
Sodium metasilicate	600 - 1153 mg/kg	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

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 strongest recommended use dilution, is a RCRA hazardous waste (Corrosive-D002) 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



### 36 BLAST Non-Solvent Cleaner/Degreaser Ready-to-Use

*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.

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

###### INGREDIENT(S)

Water

###### CAS NO.

7732-18-5

###### STATE LISTING

Not Listed

NA - Not Applicable

**STATE REGULATIONS:** Product contains a mixture of surfactant and cleaning agents below State reporting requirements.

#### CANADA

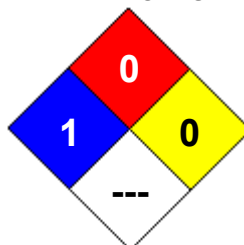
**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** Class D-Division 2B, eye irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

#### 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 January 28, 2000 MSDS. Any changes in information are as follows:

In Section 1

Approved by Prepared By Date Prepared [ ] Print CHEMTREC Phone Number

In Section 10

Hazardous Decomposition Products

In Section 15

OSHA Hazard Comm. Rule WHMIS Class

**APPROVAL DATE:** 03/05/2002

*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.*