

Butcher's

**OUTPOST 37 SHOCKWAVE MAXIMUM POWER CLEANER/DEGREASER
CONCENTRATE**

SHOCKWAVE Maximum Power Cleaner/Degreaser
MSDS Ref. No: 4323
Date Prepared: 03/14/2002
Date Revised: 03/14/2002

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: SHOCKWAVE Maximum Power
Cleaner/Degreaser; 37 SHOCKWAVE Maximum Power
Cleaner/Degreaser Concentrate
Product Synonyms: Command Center 37 SHOCKWAVE Maximum Power
Cleaner/Degreaser Concentrate; Outpost 37 SHOCKWAVE
Maximum Power 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)	CAS#	% BY WEIGHT
Sodium xylene sulfonate	1300-72-7	7 - 10
Linear primary alcohol ethoxylate	34398-01-1	7 - 10
Benzyl alcohol	100-51-6	5 - 7
Sodium hydroxide	1310-73-2	3 - 5
Diethylene glycol monobutyl ether	112-34-5	1 - 3
Sodium metasilicate	6834-92-0	1 - 1.5

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear, Purple Liquid. Mild, Solvent
Odor. Causes Eye and Skin Burns. Harmful if Swallowed.
POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological
Information)
PRIMARY ROUTE(S) OF EXPOSURE:
Eye: X
Skin Contact: X
Skin Absorption:
Inhalation: X
Ingestion:
EFFECTS OF ACUTE EXPOSURE:
EYES: Causes eye burns. Symptoms may include pain,
tearing, redness, and eye injury.
SKIN: Causes skin burns. Symptoms may include pain,
redness, swelling, scarring, and skin damage.
INHALATION: High concentrations of vapor or mist may
cause nose, throat and respiratory tract irritation.
Symptoms may include coughing, wheezing and shortness
of breath. High concentrations of vapor or mist may
also cause central nervous system effects including
headache, dizziness and nausea.
INGESTION: Harmful if swallowed. May cause mouth, throat
and stomach burns. Symptoms may include nausea,
vomiting, diarrhea, and severe stomach pain. May also
cause central nervous system effects including
headache, dizziness and weakness.
EFFECTS OF CHRONIC EXPOSURE: Prolonged inhalation of high
concentrations of concentrated alkaline materials above
exposure limits (See Section 8, Exposure Controls/
Personal Protection) can cause respiratory tract injury.

MEDICAL CONDITIONS AGGRAVATED: May aggravate pre-existing
eye, skin and respiratory conditions.

4. FIRST AID MEASURES

EYES: Immediately 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 immediate medical
attention.
SKIN: Immediately flush with plenty of water for at least
15 minutes, then wash with soap and water. Immediately
remove contaminated clothing. Get medical attention if
irritation develops or persists. Thoroughly wash (or
discard) clothing before reuse. Destroy contaminated
shoes.
INHALATION: Remove to fresh air. If not breathing, give
respiration; if breathing is difficult, give oxygen (by
trained personnel only). Get immediate medical attention.
INGESTION: Do not induce vomiting. Rinse mouth out with
water. 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 deg C (200 deg F)TCC
FLAMMABLE LIMITS: Not applicable.
AUTOIGNITION TEMPERATURE: Not applicable.
EXTINGUISHING MEDIA: Use water fog, dry chemical, CO2, or
foam.
HAZARDOUS COMBUSTION PRODUCTS: Normal products of
combustion (carbon monoxide and carbon dioxide), oxides
of sulfur and oxides of sodium.
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. Ventilate spill area. Contain
and isolate spill. Keep non-essential personnel from
entering spill area. Use mop and absorbent to collect
material for proper disposal. Use non-metallic implements
for cleaning and collection. 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, skin and clothing. Avoid
breathing vapor or mist. Wash thoroughly after handling.
Immediately remove contaminated clothing. Wash clothing
and equipment before reuse. Destroy contaminated shoes.
Empty containers retain residue and may be hazardous (See
Section 14, Transport Information.).
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).

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

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SKIN: Where skin contact is possible, chemical-resistant gloves should be worn. When additional skin contact is possible, other protective equipment and clothing (e.g., footwear) may be needed. All contaminated clothing should be removed immediately and cleaned (or discarded) before reuse.

RESPIRATORY: No respiratory protection is required if general room ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits are exceeded, use appropriate respiratory protection (NIOSH/MSHA) to prevent overexposure.

ENGINEERING CONTROLS: Good general room ventilation is expected to be adequate. If user operations generate vapor or mist, ventilation should be used to keep airborne concentrations below exposure limits.

EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
Sodium xylene sulfonate	NA	NA
Linear primary alcohol ethoxylate	NA	NA
Benzyl alcohol	NA	NA
Sodium hydroxide	2 mg/m3 / Ceiling	2 mg/m3 / Ceiling
Diethylene glycol monobutyl ether	NA	NA
Sodium metasilicate	NA	NA

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Mild, Solvent
APPEARANCE: Clear, Purple
pH: 13.0 to 14.0
PERCENT VOLATILE BY WEIGHT: 77
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: 1.10
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: Oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and reactive metals (e.g., aluminum).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: This product is expected to be corrosive to the eyes and skin due to its high alkalinity. The following data are available for product ingredients:

PRODUCT/INGREDIENT	ORAL LD50 (rat)	DERMAL LD50 (rabbit)	INHALATION LC50 (rat)
Sodium xylene sulfonate	650 - 4000 mg/kg	3000- mg/kg	Not Available
Linear primary alcohol ethoxylate	700 - 1700 mg/kg	>2000- mg/kg	Not Available
Benzyl alcohol	1230 - mg/kg	2000- mg/kg	1000 - ppm (8-hr)
Sodium hydroxide	Not Available	1350- mg/kg	Not Available
Diethylene glycol monobutyl ether	5660- mg/kg	4120- mg/kg	Not Available
Sodium metasilicate	600 - 1153 mg/kg	Not Available	Not Available

SENSITIZATION DATA: No data available.

CHRONIC DATA: Repeated inhalation of high concentrations of alkaline materials has been reported to cause impairment of lung function with shortness of breath, chemical pneumonia and pulmonary edema. Prolonged overexposure to benzyl alcohol by ingestion and inhalation has caused central nervous system effects in humans and 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, as manufactured, 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: Corrosive liquid, basic, inorganic, n.o.s.
DOT/TDG TECHNICAL NAME: Sodium metasilicate, sodium hydroxide
DOT/TDG HAZARD CLASS: 8
UN ID No./P.I.N. No: 3266
DOT/TDG PACKING GROUP: II
NAERG: 154

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.

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313 REPORTABLE INGREDIENTS: Diethylene glycol monobutyl ether 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
Sodium xylene sulfonate	1300-72-7	Not Listed
Linear primary alcohol ethoxylate	34398-01-1	Not Listed
Benzyl alcohol	100-51-6	MA, PA
Sodium hydroxide	1310-73-2	MA, NJ, PA

NA - Not Applicable

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

Class E- Corrosive material. 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 * : 3

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: -

NFPA CODES:

HEALTH: 3

FIRE: 0

REACTIVITY: 0

SPECIAL: -

APPROVED BY: Product Safety & Regulatory

MSDS STATUS:

Revision No: 2

Revision #: 2 This MSDS replaces the January 04, 2000

MSDS. Any changes in information are as follows:

In Section 1: Approved by Prepared By Date Prepared []

Print CHEMTREC Phone Number

In Section 9: (pH) (From) Specific Gravity (From)

Percent Volatile

In Section 10: Hazardous Decomposition Products

In Section 15: OSHA Hazard Comm. Rule WHMIS Class

APPROVAL DATE: 03/14/2002

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.

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