



# MATERIAL SAFETY DATA SHEET

29 TIDAL WAVE Acid-Free Washroom Cleaner Concentrate

Date Prepared: 10/09/1997  
Date Revised: 01/21/2000

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 29 TIDAL WAVE Acid-Free Washroom Cleaner Concentrate  
Product Synonyms: Command Center 29 TIDAL WAVE Acid-Free Washroom Cleaner 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	10 - 25
Tetrasodium ethylenediamine tetraacetate	64-02-8	10 - 25
Disodium cocamphodipropionate	71010-80-5	7 - 10
Didecyl dimethyl ammonium chloride	7173-51-5	1 - 3

See Section 8 for Exposure Limits NA - Not Applicable

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

Clear, Green Liquid. Fresh Odor. May Cause Eye Burns. Causes Skin Irritation. May Be Harmful if Swallowed. Combustible.

### 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 burns. Symptoms may include pain, tearing, redness, swelling, and eye injury.

#### SKIN:

Causes skin irritation. Symptoms may include redness, rash and mild swelling.

#### INHALATION:

High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing and a burning sensation in the nose and throat.

**29 TIDAL WAVE Acid-Free Washroom  
Cleaner Concentrate**

Date Prepared: 10/09/1997  
Date Revised: 01/21/2000

---

**INGESTION:**

May be harmful if swallowed. May cause mouth, throat and stomach burns. Symptoms may include nausea, vomiting, diarrhea, and severe stomach pain.

**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged or repeated contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**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:**

Flush thoroughly with plenty of water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops or persists. Thoroughly wash (or discard) clothing and shoes before reuse.

**INHALATION:**

Remove to fresh air. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). 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:** 184°F 84.5°C TCC

**FLAMMABLE LIMITS:**

Not applicable.

**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) and nitrogen oxides.

**FIRE AND EXPLOSION HAZARDS:**

Class IIIA combustible liquid. This product is combustible and may be ignited by heat, flames and other ignition sources.

---

**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, skin and clothing. Wash thoroughly after handling. Remove contaminated 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). Keep away from heat and flame.

**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 skin contact is possible, chemical-resistant clothing (e.g., gloves) should be worn.

**RESPIRATORY:**

No respiratory protection is required if ventilation is adequate.

**ENGINEERING CONTROLS:**

General room ventilation is expected to be adequate.

**29 TIDAL WAVE Acid-Free Washroom  
Cleaner Concentrate**

Date Prepared: 10/09/1997  
Date Revised: 01/21/2000

**EXPOSURE LIMITS:**

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Linear primary alcohol ethoxylate	NE	NE
Tetrasodium ethylenediamine tetraacetate	NE	NE
Disodium cocamphodipropionate	NE	NE
Didecyl dimethyl ammonium chloride	NE	NE

*NE - Not Established*

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
ODOR: Fresh  
APPEARANCE: Clear, Green  
pH: 13.0 to 13.8  
PERCENT VOLATILE BY WEIGHT: 80  
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: 1.09  
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) and strong acids (e.g., hydrochloric acid).

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:

This product causes severe eye irritation or burns and moderate skin irritation. It may be harmful if swallowed.  
The following data are available for product ingredients:

**29 TIDAL WAVE Acid-Free Washroom  
Cleaner Concentrate**

Date Prepared: 10/09/1997  
Date Revised: 01/21/2000

<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
Tetrasodium ethylenediamine tetraacetate	3030 mg/kg	>5000 mg/kg	Not Available
Disodium cocamphodipropionate	Not Available	Not Available	Not Available
Didecyl dimethyl ammonium chloride	450 mg/kg	3342 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**

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: 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:  
Immediate, Fire.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

**29 TIDAL WAVE Acid-Free Washroom  
Cleaner Concentrate**

Date Prepared: 10/09/1997  
Date Revised: 01/21/2000

**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:**

<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
Tetrasodium ethylenediamine tetraacetate	64-02-8	Not Listed
Disodium cocamphodipropionate	71010-80-5	NJ
Didecyl dimethyl ammonium chloride	7173-51-5	Not Listed

NA - Not Applicable

**CANADA**

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

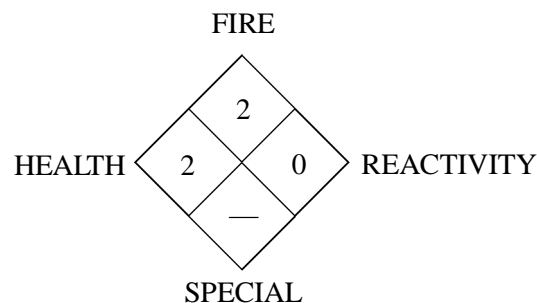
Class B-Division 3, combustible liquid; Class D-Division 2B, eye and skin irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	-	2
FLAMMABILITY		2
REACTIVITY		0
PERSONAL PROTECTION	-	

**NFPA RATING**



**MSDS STATUS**

Revision #: 1

This MSDS replaces the November 24, 1997 MSDS. Any changes in information are as follows:

In Section 1

General Use Statement

**29 TIDAL WAVE Acid-Free Washroom  
Cleaner Concentrate**

Date Prepared: 10/09/1997  
Date Revised: 01/21/2000

---

APPROVED BY: EH&S/Regulatory Affairs  
APPROVAL DATE: 01/21/2000

*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.*