



## MATERIAL SAFETY DATA SHEET

**BROWN OUT Tannin and Browning Carpet  
Treatment**

Date Prepared: 09/17/2000  
Date Revised: 09/17/2000

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: BROWN OUT Tannin and Browning Carpet Treatment

#### 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 NO.	% BY WEIGHT
Hydrochloric acid	7647-01-0	3 - 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, Colorless Liquid. No Odor. May Cause Eye and Skin Burns. May Be Harmful if Swallowed.

#### 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:

May cause 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.

##### INGESTION:

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

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**EFFECTS OF CHRONIC EXPOSURE:**

Repeated exposure to low concentrations of acid solutions can cause skin redness, swelling and pain.

**MEDICAL CONDITIONS AGGRAVATED:**

May aggravate pre-existing eye, skin and respiratory conditions.

<b>4. FIRST AID MEASURES</b>
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**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 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.

<b>5. FIRE FIGHTING MEASURES</b>
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FLASH POINT AND METHOD: >200°F 93°C TCC

**FLAMMABLE LIMITS:**

Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

**EXTINGUISHING MEDIA:**

Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:**

Hydrogen, chlorine and fluorine.

**FIRE AND EXPLOSION HAZARDS:**

Hydrochloric acid can react with common metals to form potentially explosive hydrogen gas.

**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. 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).

#### **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. For hydrochloric acid, use an approved respirator equipped with an acid gas cartridge.

### **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.

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**EXPOSURE LIMITS:**

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Hydrochloric acid	5 ppm (Ceiling)	5 ppm (Ceiling)

NA - Not Available

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
ODOR: No  
APPEARANCE: Clear, Colorless  
pH: 2.3 to 2.7  
PERCENT VOLATILE BY WEIGHT: 98  
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: 1.01  
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:  
Chlorine gas.

INCOMPATIBLE MATERIALS:  
Oxidizers (e.g., bleach), strong bases (e.g., sodium hydroxide) and reactive metals (e.g., aluminum).

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:  
No data is available for this product. The following data are available for product ingredients:

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PRODUCT/INGREDIENT	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Hydrochloric acid	900 mg/kg	Not Available	1562 ppm (4-hr)

**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, 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 TECHNICAL NAME: Hydrochloric Acid, Solution  
DOT/TDG HAZARD CLASS: 8  
UN ID No./P.I.N. No.: 1789  
DOT/TDG PACKING GROUP: III  
NAERG: 157

## **15. REGULATORY INFORMATION**

*Not meant to be all-inclusive—selected regulations represented.*

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**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: Hydrochloric acid 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.

**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:**

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>STATE LISTING</u>
Water	7732-18-5	Not Listed
Hydrochloric acid	7647-01-0	MA, NJ, PA
Sodium hydrogen fluoride	1333-83-1	MA, NJ, PA

NA - Not Applicable

**CANADA**

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

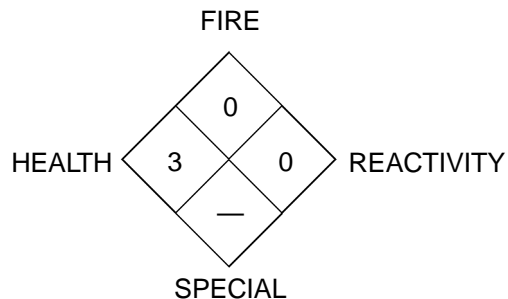
Class E- Corrosive material. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	-	3
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION	-	

**NFPA RATING**



**MSDS STATUS**

Revision #: 1

This MSDS replaces the December 09, 1997 MSDS. Any changes in information are as follows:  
In Section 1

Date Prepared [ ] Print CHEMTREC Phone Number

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In Section 9

(Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density Odor Threshold (text) (Group Field)  
for Boiling Point (Group Field) for Freezing Point (Group Field) for Evaporation Rate Coeff Oil/Water (text)

In Section 15

OSHA Hazard Comm. Rule (text) WHMIS Class

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 09/17/2000

*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.*