



## MATERIAL SAFETY DATA SHEET

HEAD START Carpet  
Prespray (Concentrate)

MSDS Ref. No: 4362  
Date Prepared: 08/25/2003  
Date Revised: 08/25/2003

### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: HEAD START Carpet Prespray (Concentrate)

#### MANUFACTURER

The Butcher Company  
8310 16th St.  
Sturtevant, WI 53177-0902

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 |
|-----------------------------------|------------|-------------|
| Diethylene glycol monobutyl ether | 112-34-5   | 10 - 25     |
| Tripropylene glycol methyl ether  | 25498-49-1 | 7 - 10      |
| Linear primary alcohol ethoxylate | 68131-39-5 | 3 - 5       |
| Alpha olefin sulfonate            | 68439-57-6 | 3 - 5       |
| Tall oil fatty acid               | 61790-12-3 | 3 - 5       |
| Triethanolamine                   | 102-71-6   | 1 - 3       |

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, Amber Liquid . Mild Odor. May Cause Eye and Skin 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 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. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.

**INGESTION:** May cause mouth, throat and stomach irritation. Symptoms may include nausea, vomiting and diarrhea. May also cause central

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nervous system effects including headache, dizziness and weakness.

**EFFECTS OF CHRONIC EXPOSURE:** Prolonged or repeated contact may cause skin irritation.

**MEDICAL CONDITIONS AGGRAVATED:** May aggravate pre-existing eye, skin and respiratory 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 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:** > 93°C (200°F)TCC

**FLAMMABLE LIMITS:** Not applicable.

**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), nitrogen oxides and sulfur oxides.

**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, absorbent, or wet vacuum 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 and skin. Avoid breathing mist. 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 safety glasses with side shields or 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 and airborne concentrations are kept below exposure limits. When exposure limits may be exceeded, use appropriate respiratory protection (NIOSH)/MSHA-approved) to prevent overexposure.

**ENGINEERING CONTROLS:** Good general room ventilation is expected to be adequate. If user operations generate vapor or mist, ventilation

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should be used to keep airborne concentrations below exposure limits.

### EXPOSURE LIMITS:

#### INGREDIENT(S)

|                                   | <u>OSHA PEL/STEL</u> | <u>ACGIH TLV/STEL</u> |
|-----------------------------------|----------------------|-----------------------|
| Diethylene glycol monobutyl ether | NA                   | NA                    |
| Tripropylene glycol methyl ether  | NA                   | NA                    |
| Linear primary alcohol ethoxylate | NA                   | NA                    |
| Alpha olefin sulfonate            | NA                   | NA                    |
| Tall oil fatty acid               | NA                   | NA                    |
| Triethanolamine                   | NA                   | 5 mg/m3               |

NA - Not Available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild

**APPEARANCE:** Clear, Amber

**pH:** 6.7 to 7.5

**PERCENT VOLATILE BY WEIGHT:** 87

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**MELTING POINT:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** Not Available

**SPECIFIC GRAVITY:** 1.009

**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:** None known.

**INCOMPATIBLE MATERIALS:** Oxidizers (e.g., bleach).

## 11. TOXICOLOGICAL INFORMATION

**ACUTE DATA:** No data is available for this product. 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> |
|-----------------------------------|-----------------------------------|----------------------------------------|-----------------------------------------|
| Diethylene glycol monobutyl ether | 5660 - mg/kg                      | 4120 - mg/kg                           | Not Available                           |
| Tripropylene glycol methyl ether  | 3200 - mg/kg                      | >2000 - mg/kg                          | Not Available                           |
| Linear primary alcohol ethoxylate | 2500 - 3200 mg/kg                 | >2000 - mg/kg                          | Not Available                           |
| Alpha olefin sulfonate            | Not Available                     | Not Available                          | Not Available                           |
| Tall oil fatty acid               | 10000 - mg/kg                     | Not Available                          | Not Available                           |
| Triethanolamine                   | 4000 - 9110 mg/kg                 | 2000 - mg/kg                           | Not Available                           |

**SENSITIZATION DATA:** No data available.

### CHRONIC DATA:

Prolonged overexposure to high concentrations of tripropylene glycol methyl ether by dermal absorption has caused kidney effects in

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laboratory animals. Prolonged overexposure to high concentrations of triethanolamine by ingestion and dermal absorption has caused minor liver and kidney effects in 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 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.

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, Delayed.

**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:** 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           |
| Diethylene glycol monobutyl ether | 112-34-5       | Not Listed           |
| Tripropylene glycol methyl ether  | 25498-49-1     | Not Listed           |
| Linear primary alcohol ethoxylate | 68131-39-5     | Not Listed           |
| Alpha olefin sulfonate            | 68439-57-6     | Not Listed           |
| Triethanolamine                   | 102-71-6       | MA, PA               |
| NA - Not Applicable               |                |                      |

**CANADA**

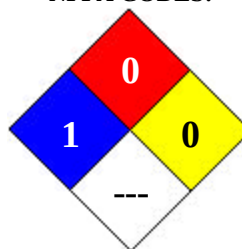
**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** Class D-Division 2B, eye and skin irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

**HMIS RATING**

|                            |          |
|----------------------------|----------|
| <b>HEALTH</b>              | <b>2</b> |
| <b>FLAMMABILITY</b>        | <b>0</b> |
| <b>REACTIVITY</b>          | <b>0</b> |
| <b>PERSONAL PROTECTION</b> | <b>-</b> |

**NFPA CODES:**



**APPROVED BY:** EH&S/Regulatory Affairs

**MSDS STATUS**

**Revision No:** 2

Revision #: 2

This MSDS replaces the September 14, 2000 MSDS. Any changes in information are as follows:

In Section 1

Date Prepared

**APPROVAL DATE:** 08/25/2003

*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.*