



MATERIAL SAFETY DATA SHEET

4 GUM, TAR & GREASE
Gel Carpet Spotter

MSDS Ref. No: 4346
Date Prepared: 07/29/2003
Date Revised: 07/29/2003

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: 4 GUM, TAR & GREASE Gel Carpet Spotter

PRODUCT CODE: 4346260

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

<u>INGREDIENT(S)</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
d-Limonene	5989-27-5	7 - 10
Tripropylene glycol methyl ether	25498-49-1	3 - 5
Linear primary alcohol ethoxylate	34398-01-1	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 B- Division 3; Class D- Division 2B

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Opaque, White Liquid . Citrus Odor. Combustible. May Be Harmful if Swallowed. May Cause Eye and Skin Irritation. May Cause Allergic Skin Reaction.

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 be harmful if swallowed. May cause mouth, throat and stomach irritation. Symptoms may include nausea, vomiting and diarrhea. May also cause central nervous system effects including headache, dizziness and weakness.

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). Prolonged or repeated exposure to an ingredient in this product may cause allergic skin reaction.

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: 50.6°C (123°F)TCC

FLAMMABLE LIMITS 0.7% (d-limonene) to 6.1% (d-limonene)

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).

FIRE AND EXPLOSION HAZARDS: Class II combustible liquid. This product is combustible and may be ignited by heat, sparks, flame, and other ignition sources. Vapors can travel to a source of ignition and flash back.

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. Remove ignition sources and ventilate spill area. Contain and isolate spill. Keep non-essential personnel from entering spill area. Use mop, absorbent and non-sparking tools 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. Use with adequate ventilation. Avoid breathing vapor or mist. Use spark-proof tools. 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). Store away from direct sunlight. Keep away from heat, sparks and flame.

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.

ENGINEERING CONTROLS: Good general room ventilation is expected to be adequate.

EXPOSURE LIMITS:

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
d-Limonene	NA	NA
Tripropylene glycol methyl ether	NA	NA
Linear primary alcohol ethoxylate	NA	NA

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Citrus

APPEARANCE: Opaque, White

pH: 9.1 to 9.9

PERCENT VOLATILE BY WEIGHT: 95

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: 0.99

VISCOSITY: 2700 to 3500cps

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 LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
d-Limonene	4400 - mg/kg	>5000 - mg/kg	10.6 - mg/L (5-hr)
Tripropylene glycol methyl ether	3200 - mg/kg	>2000 - mg/kg	Not Available
Linear primary alcohol ethoxylate	700 - 1700 mg/kg	>2000 - mg/kg	Not Available

SENSITIZATION DATA: d-Limonene has been reported to cause allergic skin reaction (redness, swelling, and itching) in humans and in laboratory animals.

CHRONIC DATA:

Prolonged overexposure to high concentrations of d-limonene by ingestion has caused kidney effects in laboratory animals. Prolonged overexposure to high concentrations of tripropylene glycol methyl ether by dermal absorption has caused 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

4 GUM, TAR & GREASE Gel Carpet Spotter

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 (Ignitable-D001) 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 when in a container of 119 gallons (454 liters) or less.

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: 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

d-Limonene

Tripropylene glycol methyl ether

Linear primary alcohol ethoxylate

NA - Not Applicable

CAS NO. STATE LISTING

7732-18-5 Not Listed

5989-27-5 Not Listed

25498-49-1 Not Listed

34398-01-1 Not Listed

CANADA

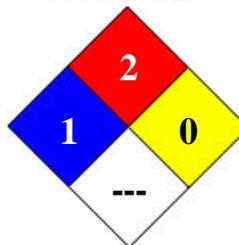
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class B-Division 3, combustible liquid; Class D-Division 2B, eye and skin irritant, potential skin sensitizer. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the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

16. OTHER INFORMATION

HMIS RATING

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	-

NFPA CODES:



APPROVED BY: EH&S/Regulatory Affairs

MSDS STATUS

Revision No: 1

Revision #: 1

4 GUM, TAR & GREASE Gel Carpet Spotter

This MSDS replaces the August 17, 2000 MSDS. Any changes in information are as follows:

In Section 1

Product Code Date Prepared

APPROVAL DATE: 07/29/2003

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.