



MATERIAL SAFETY DATA SHEET

HOLD Dust Mop/Dust
Cloth Treatment

MSDS Ref. No: f-00251001
Date Prepared: 01/23/2003
Date Revised: 01/23/2003

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: HOLD Dust Mop/Dust Cloth Treatment

PRODUCT CODE: 3036391

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

| <u>INGREDIENT(S)</u> | <u>CAS#</u> | <u>% BY WEIGHT</u> |
|---------------------------------|-------------|--------------------|
| Light naphthenic distillate | 64741-44-2 | 10 - 25 |
| Aliphatic petroleum distillates | 64742-48-9 | 7 - 10 |
| Isobutane | 75-28-5 | 7 - 10 |
| Propane | 74-98-6 | 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 A; Class B- Division 5

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Opaque, Off-White Aerosol . Mild Odor. Flammable. Contents Under Pressure.

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 mild eye irritation. Symptoms may include redness and tearing.

SKIN: Not expected to be irritating to skin.

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 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).

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 if irritation develops.

SKIN: Flush with water, then wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops.

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: Not applicable.

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).

FIRE AND EXPLOSION HAZARDS: Container is under pressure and may explode if exposed to excessive heat. Propellant retained by released material may be ignited by heat, sparks, flames, or other ignition sources.

FIRE FIGHTING INSTRUCTIONS: This product is aerosol flammable per flame extension test 16 CFR 1500.45. If this product is involved in a fire, 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 skin, eyes and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Use spark-proof tools. Do not expose to heat. Do not use near sparks, flames or pilot lights. Do not puncture or incinerate container. 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. Do not store at temperatures above 120 F (49 C).

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: Not required under normal conditions of use.

RESPIRATORY: No respiratory protection is required if ventilation is adequate.

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:

| <u>INGREDIENT(S)</u> | <u>OSHA PEL/STEL</u> | <u>ACGIH TLV/STEL</u> |
|---------------------------------|--------------------------------|------------------------|
| Light naphthenic distillate | 5 mg/m3 (oil mist) | 5 mg/m3 (oil mist) |
| Aliphatic petroleum distillates | 100 ppm 400 mg/m3 (Naphtha) | NA |
| Isobutane | NA | NA |
| Propane | 1000 ppm 1800 mg/m3 | 2500 ppm 4508 mg/m3 |

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Aerosol

ODOR: Mild

APPEARANCE: Opaque, Off-White

pH: Not Available

PERCENT VOLATILE BY WEIGHT: Not Available

VAPOR PRESSURE: 27-31 psig at (70°F) 21°C

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

FREEZING/MELTING POINT: Not Available

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: Not Available

VISCOSITY: Not Available

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: Based on testing of similar product, this product may cause mild skin and eye irritation. Based on testing of similar product, it is not considered to be toxic by ingestion or skin absorption. The following data are available for this product and its ingredients:

| <u>PRODUCT/INGREDIENT</u> | <u>ORAL LD₅₀ (rat)</u> | <u>DERMAL LD₅₀ (rabbit)</u> | <u>INHALATION LC₅₀ (rat)</u> |
|------------------------------------|-----------------------------------|--|---|
| HOLD Dust Mop/Dust Cloth Treatment | >5000 mg/kg | >2000 mg/kg | >52 mg/L (4-hr) |
| Light naphthenic distillate | Not Available | Not Available | Not Available |
| Aliphatic petroleum distillates | 5000 - mg/kg | 3160 - mg/kg | Not Available |
| Isobutane | Not Available | Not Available | 57 - pph (15-min) |
| Propane | Not Available | Not Available | Not Available |

SENSITIZATION DATA: No data available.

CHRONIC DATA:

Prolonged overexposure to aliphatic petroleum distillates by ingestion and inhalation has caused central nervous system effects in humans and laboratory animals; overexposure by inhalation has also caused kidney effects in 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

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 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: Consumer Commodity
DOT/TDG HAZARD CLASS: ORM-D

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: Fire, Pressure Generating.

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:

| <u>INGREDIENT(S)</u> | <u>CAS NO.</u> | <u>STATE LISTING</u> |
|---------------------------------|----------------|----------------------|
| Water | 7732-18-5 | Not Listed |
| Light naphthenic distillate | 64741-44-2 | Not Listed |
| Aliphatic petroleum distillates | 64742-48-9 | NJ, PA |
| Isobutane | 75-28-5 | MA, NJ, PA |
| Propane | 74-98-6 | MA, NJ, PA |

NA - Not Applicable

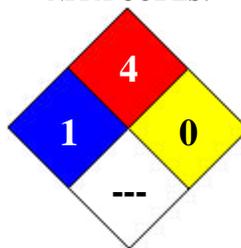
CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class A, compressed gas; Class B-Division 5, flammable aerosol.

16. OTHER INFORMATION

HMIS RATING

| | |
|----------------------------|----------|
| HEALTH | 1 |
| FLAMMABILITY | 4 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | - |

NFPA CODES:

APPROVED BY: Product Safety & Regulatory

MSDS STATUS

Revision No: New MSDS

New MSDS

APPROVAL DATE: 01/23/2003

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.