

ITEM NUMBER/NAME: 926 - BEAVER BOLT-BUSTER**926****926**

VERSION 1 EFFECTIVE DATE: 06/28/05 SUPERCEDES: 00/00/00 PREPARED BY: Regulatory Compliance
Section(s) Revised: New product

Emergency Medical Telephone Number: 1-866/836-8855 (24 HRS) Outside the U.S.A. Call 952/852-4646

PRODUCT HAZARD RATINGS (HMIS®): Health = *2, Fire = 3, Reactivity = 0 Protective Equipment = X
(Rating Index: 4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, * = Chronic Hazard)

SECTION I

BEAVER RESEARCH CO.
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PORTAGE, MI 49002

TELEPHONE NUMBER FOR INFORMATION: 1-800-544-0133

DATE PRINTED: 06/28/05

NAME OF PREPARER: Regulatory Compliance

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Names (CAS #)	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
Perchloroethylene (127-18-4)	Yes	25 ppm / 100 ppm	100 ppm / NE	50-70
Deodorized Kerosene (64742-47-8)	No	200 ppm / NE skin	NE / NE	20-40
Proprietary Oil Additives	No	NE / NE	NE / NE	5-10
Carbon Dioxide (124-38-9)	No	5000 ppm/30,000 ppm	5000 ppm/ NE	1-5

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NA

Vapor Pressure (psig) (± 5 psig): 154 @ 130°F / 114 @ 70°F

Specific Gravity - calculated (H2O=1): 1.1954 ± 0.005

pH: NA

Solubility/Water: Insoluble

Vapor Density (AIR=1): Greater than 1

Evaporation Rate (Ether=1): ND

Appearance and Odor: Clear, brown liquid with a solvent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flashpoint: None (Propellant); >159°F (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 0.6% UEL: 4.7%

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers. Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing.

Unusual Fire and Explosion Hazards: Contents under pressure. Keep away from heat and open flames.

Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 54C-130F may cause cans to burst. Vapors from product are heavier than air and will collect in low areas. Combustion/Decomposition products are toxic and corrosive.

SECTION V - REACTIVITY DATA

Stability: Stable

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SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Y Eyes: Y Skin: Y Ingestion: N**HAZARDS IDENTIFICATION:****EYES:** May cause irritation. Can cause burning sensation, tearing, and redness.**SKIN:** May cause mild irritation. Prolonged or repeated skin contact may cause more serious irritation, defatting and possible dermatitis.**INHALATION:** Breathing vapors and mists may cause mucous membrane and respiratory irritation. Excessive overexposure may cause headache, dizziness, drowsiness, depressed respiration and heart rate, heart rhythm irregularities, shortness of breath, unconsciousness or death. Intentional misuse by concentrating and inhaling contents may be harmful or fatal.**INGESTION:** Exposure by ingestion is unlikely since an aerosol, but if occurs: may cause gastrointestinal irritation, nausea, vomiting, abdominal pain, diarrhea and nervous system effects similar to inhalation. Aspiration into the lungs during swallowing or vomiting may cause serious lung damage.**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, respiratory, liver, kidney and cardiovascular disorders.**CHRONIC EXPOSURE:** Prolonged overexposure may cause liver, kidney and cardiovascular effects.**EMERGENCY AND FIRST AID PROCEDURES:****EYES:** Rinse thoroughly with water for at least 15 minutes, holding the eye lids open to be sure the material is washed out. Remove contact Lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get immediate medical attention.**SKIN:** Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use.**INHALATION:** Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.**INGESTION:** In the unlikely event of swallowing: Call a physician or Poison Control Center immediately. Do not give any liquid to the person. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Note to physician: Contains petroleum distillates and perchloroethylene - vomiting may cause aspiration pneumonia.**CARCINOGENICITY:** Perchloroethylene (tetrachloroethylene) is classified by IARC as group 2A carcinogen and by NTP as reasonably anticipated to be a human carcinogen.**TOXICOLOGICAL INFORMATION:****Perchloroethylene:** Oral Rat LD50 - 2629 mg/kg, Dermal Rabbit LD50 - >3228 mg/kg, Inhalation Rat LC50 - 5040 ppm/8 hours**Deodorized Kerosene:** Oral LD50 rat > 39.9 g/kg, Skin LD50 rabbit 2-4 g/kg, Inhalation rat LC50 >24.1 mg/L/1 hr.**Proprietary Oil Additives:** Oral LD50 rat > 2 g/kg, Skin LD50 rabbit >2 g/kg.**Carbon Dioxide:** No data available

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Releases or Spills: Wear appropriate protective clothing. Remove all sources of ignition and electric arcs and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container.**Waste Disposal Method:** Do not puncture or incinerate containers. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Dispose of container in accordance with local, state, and federal regulations. Disposal regulations may be different for each state and/or locality.**Handling And Storing:** Avoid breathing vapors or spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Avoid contamination of food and feedstuffs. Keep away from heat, sparks, electric arcs, ultraviolet light and flame. Use with adequate ventilation. Do not

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puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120F (48.9C). Store as a Level 1 Aerosol (NFPA 30B).

Other Precautions: Please read and follow the directions on the product label; they are your best guide to Using this product in the most effective way, and give the necessary safety precautions to protect your health.

SECTION VIII - EMPLOYEE PROTECTION

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds Occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: General ventilation is adequate under normal conditions; mechanical ventilation may be required for use in poorly ventilated areas or when large amounts are used.

Protective Gloves: Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Safety glasses or goggles are recommended.

Other Protective Clothing or Equipment: Wear impervious clothing as needed to avoid prolonged or repeated skin contact.

Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Wash exposed skin thoroughly with soap and water after use.

SECTION IX - OTHER REGULATORY CONTROLS

FEDERAL:

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances

STATE RIGHT-TO-KNOW:

Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

Refer to Section II.

SECTION X - TRANSPORTATION (D.O.T. CLASSIFICATION)

Proper Shipping Name: Consumer Commodity **Hazard Class:** ORM-D

NG: Negligible NA: Not Applicable NE: Not Established UN: Unavailable ND: Not Determined

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

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