

**MATERIAL SAFETY DATA SHEET**

DATE: 03/01/01

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**Section 1**

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For Chemical Emergency Only:

In the US &amp; Canada

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Telephone for Information:

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**PRODUCT IDENTIFICATION:****HAZARD RATING**

BRUSH ON ACTIVATOR

1 x 0

3

**Section 2 - HAZARDOUS INGREDIENTS INFORMATION:**

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Ethyl Acetate (141-78-6)	400ppm TWA	400ppm	NE	90-100%
Dimethyl-p-Toluidine (99-97-8)	NE	NE	NE	0-1%

\* This ingredient is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:**

Boiling Point: 171 F (77 C)      Specific Gravity (H<sub>2</sub>O=1): 0.90  
 Vapor Density (Air=1): 3.0      Melting Point: NE  
 Vapor Pressure (mm Hg): 73 @ 200C      Evaporation Rate (Butyl acetate = 1): 4.5  
 Solubility in Water: Slightly soluble.  
 Appearance & Odor: Clear, transparent liquid with strong minty odor.

**Section 4 - FIRE AND EXPLOSION HAZARD DATA:**

Flash Point (Method): 30F (TCC)      Flammable Limits: LEL: 2.0% UEL: 11.4%

Extinguishing Media: Dry chemical, foam or carbon dioxide.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus and complete personal protective equipment. Cool fire-exposed containers with water spray.

Unusual Fire and Explosion Hazards: Vapor is heavier than air and can travel considerable distance to a source of ignition and flashback. Material creates a special hazard because it floats on water.

**Section 5 - REACTIVITY DATA:**

Stability: Unstable \_\_\_ Stable XX      Conditions to Avoid: Heat, sparks and flame.

Incompatibility (Materials to Avoid): Oxidizing agents such as hydrogen peroxide, nitric acid, perchloric acid or chromium trioxide.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: May Occur \_\_\_ May Not Occur XX

**Section 6 - HEALTH HAZARD DATA:**

Route(s) of Entry: Inhalation: Yes      Skin: Yes      Ingestion: Yes

Health Hazards (Acute and Chronic):

Acute - Vapors may be irritating to eyes, throat and mucous membranes; ingestion may cause headache, drowsiness and possible unconsciousness.

Chronic - No known effect.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Seek medical attention if irritation persists.

Skin contact - Remove contaminated clothing and wash affected areas with soap and water. Prolonged or repeated contact may cause drying of skin.

Inhalation - Remove to fresh air. Perform artificial respiration if breathing has stopped. Contact a physician immediately.

Ingestion - Induce vomiting of conscious patient immediately by giving two glasses of water and pressing finger down throat. Contact physician immediately.

Medical Conditions Generally Aggravated by Exposure: Significant exposure may adversely affect patient with chronic disease of the respiratory system, skin and/or eyes.

### Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Eliminate ignition sources and avoid eye or skin contact. Dike/contain spill area. Place leaking containers in well-ventilated area with spill containment. Soak up with inert absorbent. Avoid runoff into storm sewers and ditches which lead to natural water ways. Place into container for disposal.

Waste Disposal Method: Dispose of in accordance with local, state, and federal EPA regulations. Hazardous waste code U112, D001.

Precautions to Be Taken in Handling and Storing: Closed containers exposed to temperatures above 490C (1200F) in transit or storage may develop excessive vapor pressure. Always open containers slowly to allow any excess pressure to vent. Store and use in a cool, well-ventilated area away from heat, sparks and flames. Avoid breathing vapor at elevated levels and avoid direct contact.

Other Precautions: Wash contaminated clothing before reuse. Discard contaminated leather clothing as waste. Wash hands well with soap and water after use.

### Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): A NIOSH approved vapor canister may be used to maintain vapor concentration below TLV.

Ventilation: Local Exhaust: To maintain vapor concentration below TLV.

Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles with side shields, rubber gloves and apron to protect skin and clothing.

Work/Hygienic Practices: Wash hands with soap and water after use. Launder contaminated clothing before reuse. (Note: contaminated leather should be disposed of as waste).

NE = Not established

The data contained herein is based upon information that Pacer Technology believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.