

MATERIAL SAFETY DATA SHEET

PALMER ASPHALT COMPANY

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Manufacturer: Palmer Asphalt Company Address: 196 West 5 th Street, P.O. Box 58 Bayonne, NJ 07002 Emergencies: 201-339-0855 8:00 a.m. - 5:00 p.m. EST After Hours Call: CHEMTREC: 800-424-9300 (Domestic - No. America) 703-527-3887 (International)	Quick Identifier: Bulldog Asphalt Remover 99 MSDS Number: #99 Issue Date: December 17, 2004 Date Prepared: Rev. September 1, 2009 Prepared By: PRI Asphalt Technologies, Inc.
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SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Common Name (used on label): Bulldog Asphalt Remover
CAS Number: N/A **Chemical Name:** N/A

SECTION 2 - COMPOSITION AND INGREDIENT

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or Greater, Carcinogens 0.1% or Greater)	CAS #	ACGIH TLV	Weight %
Carbon Dioxide	124-38-9	5000 ppm	01-05
Diethanolamine	111-42-2	2 mg/m3	01-05

SECTION 3 - HEALTH AND HAZARD IDENTIFICATION

Warning Statements: May cause skin irritation.

SECTION 4 - PRIMARY ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES

Eye Contact: May cause severe irritation accompanied by stinging, tearing, redness, and swelling of eyes. May injure eye tissue. Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists, get medical attention immediately.

Skin: Can cause irritation. Frequent or prolonged contact may cause more severe irritation, drying and defatting of skin, and dermatitis. Passage of this material into the body through the skin is possible but is not expected to result in harmful effects during safe handling and use. May aggravate existing skin conditions. Wash with soap and water. If irritation persists, seek medical attention.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Frequent or prolonged exposure may cause irritation to the upper respiratory tract, coughing, dizziness, drowsiness, nausea, headache and possibly unconsciousness. Repeated overexposure could cause anemia, damage to the male reproductive system, liver damage, heart damage, central nervous system damage, and/or kidney damage. Remove to fresh air. Seek medical attention immediately. If breathing stops, give artificial respiration.

Ingestion: Harmful if swallowed in large amounts. Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause lung injury. Do not induce vomiting. Seek medical attention immediately.

SECTION 5 - FIRE AND FIRE-FIGHTING MEASURES

Flammability: (as per CSMA Flame Projection test): Non-flammable spray

Flash Point (of Concentrate only): <200°F

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Extinguishing Media: Foam CO₂, water spray or dry chemical extinguishers.

Unusual Fire and Explosion Hazards: Exposure to temperature above 120°F may cause bursting.

SECTION 6 - SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State, and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State, and local authorities for approved procedures.

SECTION 7 - HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN: For industrial and institutional use only. Store in a cool, dry area away from heat or flame. Do not store at temperatures above 120°F. NFPA Code 30B Rating: Level 3 Aerosol.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

Respiratory Protection: None needed for proper use in accordance with label directions.

Eye Protection: Always wear safety glasses or chemical proof goggles when working with any chemical

Protective Gloves: Use chemical resistant gloves if hand contact will be made.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: (H₂O = 1) @ 70°F: 0.922

Appearance: Light yellow, liquid

Odor: Bland Odor

pH: Not applicable

Boiling Point: <483°F

Vapor Density: (Air = 1) >1

Solubility in Water: Slightly soluble

Vapor Pressure of Can (psig @ 72°F): 75 psig

Total VOC %: N/D

SECTION 10 - STABILITY AND REACTIVITY

Stability: _____ unstable stable

Incompatibility: Avoid contact with strong oxidizing agents

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

Hazardous Polymerization: Will not occur.

SECTION 11 - OTHER INFORMATION

The information and recommendations contained herein are to the best of PALMER ASPHALT'S knowledge and belief, accurate, and reliable as of the date issued. PALMER ASPHALT does not warrant or guarantee their accuracy or reliability, and PALMER ASPHALT shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

For Other Product Information Contact:

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**MANUFACTURERS OF BULLDOG AND PRIVATE LABEL COLD-APPLIED
 COATINGS AND CEMENTS**