

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GREASE BUSTER B **PRODUCT NUMBER: 804** **PRO PLANET Industrial Supply**
1615 Monrovia Avenue
COSTA MESA, CA 92627

HMIS CODES: H:1 F:2 R:0 P:G
EFFECTIVE DATE: 01/01/04 **INFORMATION TELEPHONE: 949-645-4582**
EMERGENCY TELEPHONE: 800-535-5053

I. HAZARDOUS INGREDIENTS:

	CAS #	PEL	TLV
D-Limonene	5989-27-5	100ppm	100ppm

"All chemical compounds marked with an asterisk (*) are chemicals subject to the reporting requirements of Section 313 of SARA Title III. You must notify each person to whom this mixture or trade name product is sold."

II. PHYSICAL DATA:

MELTING POINT: NA	SPECIFIC GRAVITY: 0.940
BOILING POINT: 309-540 F	SOLUBILITY IN WATER: Forms Emulsion
VAPOR PRESSURE (mm Hg): 1.20	EVAPORATION RATE: ND
VAPOR DENSITY (Air=1): ND	pH: 8.0 ODOR: Citrus APPEARANCE: Clear Red Liquid

III. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: >140 F	METHOD USED: Tag Closed Cup
AUTOIGNITION TEMPERATURE: 460 F	FLAMMABLE LIMITS: UPPER: 6.1 LOWER: 0.7
EXTINGUISHING MEDIA: Dry Chemical, Foam, or Carbon Dioxide. DO NOT USE WATER, could create floating fire.	

FIRE AND EXPLOSION HAZARDS:

This material may produce a floating fire hazard. Extinguish all nearby sources of ignition. A vapor accumulation would flash and/or explode if ignited. Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear goggles and self-contained breathing apparatus. Use water to keep fire-exposed containers cool and to flush spills away from fire. In the case of large fires also cool surrounding equipment and structures with water.

IV. REACTIVITY:

STABILITY: Stable
CONDITIONS TO AVOID: Heat. Flames and sparks.
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: Strong oxidizing and reducing agents. Reactive metals.
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes of carbon oxides and nitrogen oxides on combustion.
Thermal decomposition products are highly dependent on the combustion conditions.

V. ENVIRONMENTAL AND DISPOSAL INFORMATION:

CAUTION: Use appropriate protective and safety equipment. See Section VIII of this Material Safety Data Sheet for handling precautions.

SMALL SPILL: Eliminate possible sources of ignition. Mop up or soak with non-combustible absorbent inorganic material. Transfer to DOT-approved container.

LARGE SPILL: Eliminate possible sources of ignition. Contain by diking with a non-combustible absorbent inorganic material. Prevent runoff from entering sewers, storm drains, surface water, and soil. Transfer contaminated absorbent to a DOT-approved container.

WASTE DISPOSAL INFORMATION: Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

NOTE: Comply with all applicable government regulations on spill reporting and handling and disposal of waste. Empty containers can have residues, gases, and mists, and are subject to proper disposal.

VI. HEALTH HAZARD DATA:

BREATHED: In high concentrations, anesthetic or narcotic effects. Excessive inhalation of vapor causes nasal and respiratory irritation. A component in very high concentrations causes headache, giddiness, mental confusion, nausea. Breathing high concentrations may result in CENTRAL NERVOUS SYSTEM depression and/or chemical pneumonitis.
SKIN CONTACT: Moderately irritating to the skin. Prolonged and repeated contact can cause defatting and drying of the skin which may result in severe skin irritation and dermatitis.

EYE CONTACT: Component(s) of this product may cause severe irritation with corneal injury which may result in permanent impairment of vision or even blindness.

SWALLOWED: If aspirated (liquid enters lungs), a component may be rapidly absorbed through lungs and may result in injuries to other body systems. Swallowing the liquid may result in vomiting. If vomiting occurs spontaneously, do not allow vomit to be breathed into lungs, as even a small quantity may cause lung damage (chemical pneumonitis and pulmonary edema/hemorrhage).

MEDICAL CONDITIONS AGGRAVATED: Preexisting skin and respiratory disorders may be aggravated by exposure to this product.

SUSPECTED CANCER AGENT:

FEDERAL OSHA

CA OSHA

NTP

IARC

No

No

No

No

TARGET ORGANS, OTHER THAN THOSE IMPLIED BY ROUTES OF ENTRY (I.E., BREATHED, INCLUDES RESPIRATORY TRACT AND LUNGS) ARE CAPITALIZED. This product DOES NOT contain chemicals known to the State of California to cause cancer or reproductive toxicity.

VII. FIRST AID:

BREATHED: Remove victim to fresh air at once. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Keep victim warm and at rest. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: Wash skin immediately with lots of soap and water. If clothes and shoes are contaminated, remove and wash before reuse. Get medical attention if ill effect or irritation develops.

EYES: Wash eyes immediately with running water for at least 15 minutes. Use fingers to assure that eyelids are separated and that eye is being washed. Lift the lower and upper lid occasionally. GET IMMEDIATE MEDICAL ATTENTION.

SWALLOWED: DO NOT INDUCE VOMITING. If victim is conscious, give large amounts of water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Do not attempt to give fluids to unconscious victim. GET IMMEDIATE MEDICAL ATTENTION. **NOTE TO PHYSICIAN:** Supportive care: Treatment based on judgment of physician in response to reactions of patient.

VIII. HANDLING PRECAUTIONS:

VENTILATION: Control airborne concentrations below exposure guidelines (Section I) with MECHANICAL VENTILATION, if necessary. Local explosion-proof EXHAUST VENTILATION may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below exposure guidelines. When respiratory protection is required for certain operations, use a NIOSH-approved canister-type respirator. In confined or poorly ventilated areas or for emergency and other conditions where the exposure guidelines may be greatly exceeded, use an approved positive-pressure, self-contained breathing apparatus.

EYE PROTECTION: Contact lenses should not be used. Contact lenses may increase the severity of the injury. Suggested protection is safety glasses, but where contact with liquid is likely, chemical goggles or face shields are recommended.

SKIN PROTECTION: Impermeable gloves are recommended. When prolonged or frequently repeated contact could occur, use protective clothing. Selection of specific items such as boots, apron, or full-body suit will depend on operation. Wash thoroughly after handling chemicals. **SPECIAL EQUIPMENT:** Suitable safety equipment includes safety showers, eye washes, and fire extinguishing media.

IX. STORAGE AND HANDLING:

Train all employees on all special handling procedures in this section before they work with this product. Exercise reasonable care and caution. Personnel should avoid breathing vapors and/or mists and getting product in the eyes or on the skin.

DO NOT CONSUME food, drink, or tobacco in areas where they may become contaminated with this material. Keep containers cool, dry, and away from sources of ignition. DO NOT STORE product in direct sunlight, high temperatures, or below freezing areas. Keep product container tightly closed when not in use. Protect containers from physical damage. Use and store with adequate ventilation. DO NOT cut, grind, weld or drill on or near this container. Ground all equipment. Wash thoroughly after using.

X. DOT:

PROPER SHIPPING NAME: NON-REGULATED

XI. OTHER PRECAUTIONS:

Abbreviations: NA: Not applicable; ND: Not Determined.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESS OR IMPLIED, IS MADE.