

MATERIAL SAFETY DATA SHEET

Used to comply with OSHA's Hazard Communication Standard 29CFR1910.1200

NFPA (0=Insignificant, 1 -Slight, 2-Moderate, 3=High, 4=Extreme)
HAZARD
RATING Fire: 1 Reactivity: 0 Health: 1 Special: 0

Section I - PRODUCT IDENTIFICATION

MFG. NAME: H & B Industries, Inc. Updated: February 5,2005
9758 Abernathy Ave.
Dallas, TX 75220
EMERGENCY PHONE NUMBER: INFOTRAC (800)535-5053
PRODUCT NAME: HB-347 Enviro-Clean Degreaser & Tar Remover

Section II - HAZARDOUS COMPONENTS

No Hazardous Components

Section III - PHYSICAL DATA

Boiling Point: 310°F Specific Gravity (H²O = 1): .8400
Vapor Pressure: 1 Vapor Density (Air = 1): 4.69
Solubility in Water: Soluble Evaporation Rate(water = 1): Slow
Appearance & Odor: Slight yellow color, Citrus odor

Section IV - FIRE & EXPLOSION HAZARD DATA

Flash Point: 115°F Method: TCC
Flammability: Flammable Flammable limits: LEL: 0.7 % UEL: 6.1%
Extinguishing Media: Dry powder, foam, carbon dioxide.
Special Fire Fighting Procedures: Treat as for Class B flammables.
Unusual Fire & Explosion Hazards: Combustible liquid. Keep away from heat, sparks and open flame.

Section V REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Polymerization: May occur. Catalysts such as aluminum chloride.
Hazardous Decomposition or Byproducts: None known.

Section VI - HEALTH HAZARD DATA

Signs & Symptoms of Overexposure: INHALATION: None known. SKIN: May cause irritation.
INGESTION; Nausea. EYES: May cause eye damage.
Emergency & First Aid Procedures: EYES: Flush with water for 15 minutes. Call a physician, SKIN: Wash thoroughly with soap and water. INGESTION: Call a physician immediately. INHALATION: Reruvoc to fresh air.

Section VII - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to Take in Case Material is Released or Spilled: Small spills should be absorbed by dirt, sand or other suitable absorbents for disposal. Large spills can be diked with dirt, then pumped to tank truck for disposal.
Waste Disposal Method: Dispose of waste in landfill approved by federal, local and state regulations_
Precautions to Be Taken in Handling & Storing: Usual precautions for combustible liquids.
Other Precautions: All handling equipment should be electrically grounded. KEEP OUT OF REACH OF CHILDREN.

Section VIII - CONTROL MEASURES

Respiratory Protection: Move individual to fresh air source. Ventilation: Maintain adequate ventilation. Eye
Protective Gloves: Chemical resistant. Protection: Safety glasses or splash goggles
Work/Hygienic Practices: Avoid prolonged contact.

HB-347 ENVIRO-CLEAN Continued...

GENERAL DESCRIPTION: Pine solvent, emulsifiable, tar and asphalt remover.

PROPERTIES:

Form	Liquid
Odor	Pine
Color	Clear
Toxicity	See Label
Wetting Ability	Excellent
Detergency	Excellent
Foaming	Low
Biodegradability	Yes
Emulsification	Excellent
Phosphates	None
Storage Stability	1 yr.
Cold Stability	F
Corrosion Factor	None
Flash Point	140°.T.C.C.
Boiling Point	104°F
Vapor Pressure (mmHg)	N/A
Vapor Density (Air = 1)	N/A
Solubility in Water	103%
Specific Gravity (1-1 $\rho_0=1$)	0,679
% Volatile by Volume	83,0%
Evaporation	N/A
pH	N/A
Free Acid	None
Wt. per Gallon	7.33

SAFETY:

Label use directions should be followed carefully. OSHA Material Safety Data Sheet available_

USAGE:

Apply by spray, mop, or dip, Allow to work 5-10 minutes on most any surfaces and rinse well with pressure water.

CAUTION:

Observe label precautions. Keep away from children. Do not take internally.