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MATERIAL SAFETY DATA SHEET

MANUFACTURER: K & K Chemical Co.
TELEPHONE NO.: (800) 327-0646
ADDRESS: 1303 Industrial Drive, Royse City, TX 75189

PRODUCT: GREASE BLASTER™
PART NUMBER(S): K-678
MSDS Prepared By: J. Austin Maglothlin, Ph.D.
Revision Date: April 2 2010

SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable
Trade Name & Synonyms: GREASE BLASTER™
Chemical Family: Petroleum hydrocarbon based mixture
Formula: Trade secret

SECTION II - HAZARDOUS INGREDIENTS

Petroleum hydrocarbons CAS No. 8042-47-5
D-Limonene CAS No. 5989-27-5
Poly(ethylene glycol) 4-nonylphenyl ether CAS No. 127087-87-0

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): >170
Vapor Pressure (mm Hg @ 100°C): 5
Vapor Density (Air = 1): 4.7
Specific Gravity (H₂O = 1): 0.898
% Volatile by Volume: Not determined
Evaporation Rate (Ether = 1): <1
Solubility in Water: Insoluble; emulsifies
Appearance and Odor: Pale orange fluid with citrus odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (%):
- LEL: 0.7
- UEL: 6.1
Flash Point (Method Used): 49°C (TCC)
Extinguishing Media: Dry powder, foam, carbon dioxide
Special Fire Fighting Procedures: Avoid the use of water, as it may spread flame. Use Class B fire procedures.
Unusual Fire & Explosion Hazards: Keep away from sparks and open flame.

SECTION V - HEALTH HAZARD DATA

Route of Entry: Ingestion, skin absorption, eye contact, inhalation
Carcinogenic Assessment: Not listed
Threshold Limit Value: 25ppm
Effects of Overexposure: Ingestion: May cause headache, nausea, vomiting, and diarrhea
Skin absorption: Mild irritant. Prolonged exposure can cause drying, defatting and dermatitis of skin.
Eye contact: Irritant
Inhalation: May cause irritation, coughing and headache
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Get immediate medical attention.
Skin contact: Wash with soap and water.
Eye contact: Flush with cool water for 15 minutes. If irritation persists, get medical attention.
Inhalation: If overcome by vapor, remove patient to fresh air. If symptoms persist, get medical attention.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong oxidizers
Hazardous Decomposition Products: None known
Hazardous Polymerization: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb on inert material and collect in suitable labeled containers for disposal. Spills may be diluted 1:20 with water and washed down sewers.
Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations. Rinse empty container 3 times before discarding in an authorized local, state or federal landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required. If vapor level is high, use self-contained breathing apparatus.
Ventilation: Local exhaust is normally adequate
Protective Gloves: Chemical resistant
Eye Protection: Splash goggles or face shield
Other Protective Equipment: Usually not needed

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in original containers for up to one year. Keep closed when not in use. Protect from extreme heat and cold.
Other Precautions: Keep out of reach of children. Read & follow label directions. Dilute 1:20 or more with water before flushing to fish bearing waterways.
DOT Classification: Not Regulated