



BROOKFIELD ENGINEERING LABORATORIES, INC.
 11 COMMERCE BOULEVARD
 MIDDLEBORO, MASSACHUSETTS 02346, USA

Material Safety Data Sheet

Fluid: B31, B210, B400, B750, B1400,
 KU64, KU79, KU84, KU95

Manufacturer's Name and Address Brookfield Engineering Laboratories 11 Commerce Boulevard Middleboro, MA 02346	Emergency Telephone (Chem-Tel Inc.): Domestic (US/PR/Canada/US Virgin Is); 800 255 3924 International (outside N. America); +(1) 813 248 0585 Revision Date: April 7, 2005
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1. IDENTITY

Common Name: (used on label) (Trade Name & Synonym): B31, B210, B400, B750, B1400, KU64, KU79, KU84, KU95

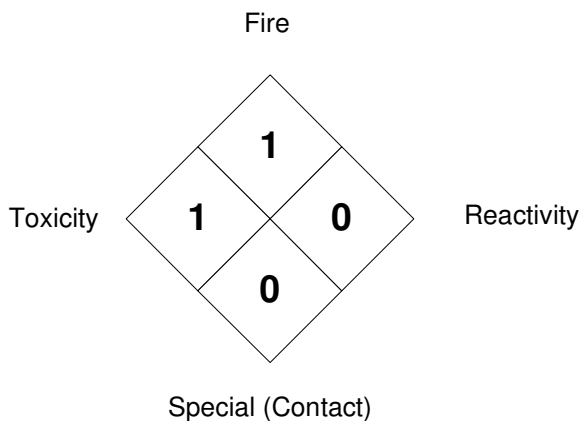
Chemical Name: Mineral Oil	Cas No. 8012-95-1
Formula: mixed hydrocarbons	Chemical Family: Hydrocarbon

2. HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	%	Threshold Limit Value (units)
Solvent refined paraffinic oil To the best of our knowledge, none of the components is hazardous to OSHA (1910.1200) or one or more state Right-to-Know lists.	99	5 mg/m ³

THIS ITEM IS CONTAINED IN THE TSCA INVENTORY
HAZARD RATING

N 4 - Extreme
 F 3 - High
 P 2 - Moderate
 A 1 - Slight
 0 - Insignificant



3. PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point: Wide range	Specific Gravity (H ₂ O = 1): 0.85-0.89
Vapor Pressure (mm Hg): N/A	Percent Volatile By Volume (%): Negligible
Vapor Density (Air = 1): N/A	Evaporation Rate (_____ = 1): N/A
Solubility In Water: Insoluble	Reactivity In Water: None
Appearance and Odor: Amber to dark liquid, slight odor.	
Flash Point: 210°F (S3) >365°F all	Flammable Limits in Air: <u>Lower</u> <u>Upper</u> (% by Volume) Not determined
Extinguisher Media: Dry chemical type preferred	Auto-Ignition Temperature: N/A
Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus to prevent inhalation of combustion products. Avoid use of water except as fog to cool exposed equipment and containers.	Unusual Fire and Explosion Hazards: none



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4. PHYSICAL HAZARDS			
Stability: Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/> at ambient temp. & pressure	Conditions To Avoid: Not available		
Incompatibility (Materials to Avoid): Strong oxidizing agents	Hazardous Decomposition Products: CO, CO ₂ , aldehydes, ketones, combustion products of nitrogen		
Hazardous Polymerization: May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions To Avoid: Not available		
5. HEALTH HAZARDS			
Threshold Limit Value: 5 milligrams oil mist per cubic meter of air			
<u>Signs and Symptoms of Exposure:</u> <ul style="list-style-type: none">Acute Overexposure: No health hazards have been identified. Inhalation of high concentration of mist may irritate nose, throat and respiratory tract, but is not likely to produce sever local or systemic effects.Chronic Overexposure: Unknown			
Medical Conditions Generally Aggravated by Exposure: Unknown			
Chemical Listed as Carcinogen Or Potential Carcinogen: N/A	National Toxicology Program: No	I.A.R.C. Monographs: No	OSHA: No
OSHA Permissible Exposure Limit: N/A	ACGIH Threshold Limit Value: N/A	Other Exposure Limit Data: N/A	
<u>Emergency and First Aid Procedures</u> <ol style="list-style-type: none">Inhalation: Remove to fresh air. Aid or restore breathing if necessary. Get medical attention if necessary.Eyes: Flush eyes with running water for at least fifteen minutes. If irritation develops, seek medical attention.Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before re-use.Ingestion: Due to low acute oral toxicity, it should not be necessary to induce vomiting. Seek medical attention.			
6. SPECIAL PROTECTION INFORMATION			
Respiratory Protection (Specify Type): NIOSH approval is required on any respiratory equipment used.			
Ventilation: N/A	Local Exhaust: As required if mist is generated	Mechanical (General): N/A	
Protective Gloves: Impervious gloves		Eye Protection: Safety glasses with side shields or chemical safety goggles.	
Other Protective Clothing or Equipment: N/A			
7. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES			
Precautions to be Taken In Handling and Storage: Store in a cool, dry location. Handle in a well-ventilated area. Use personal protective equipment to prevent contact with skin and eyes. Keep containers closed when not in use.			
Other Precautions: None			
Steps to be taken in Case Material is Released or Spilled: Absorb in dry inert material (sand, clay, sawdust, etc.). Transfer to disposal container(s).			
Waste Disposal Methods: Incinerate. Ensure conformity with all applicable Disposal Regulations. Contact regional environmental agency.			