

MATERIAL SAFETY DATA SHEET

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SECTION I				
Product Identity (Name / Number)		BRAKE CLEAN Solvent-Based Parts Cleaner / 9739 (various: 9739, 9739NF, etc.)		
Chemical Family		Blend of Solvents and Cleaning Ingredients. Flammable liquids, n.o.s. (contains Isopropanol, Ethanol Solutions and Petroleum Distillates), 3, UN1993, PGII.		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Confidential Blend	400 ppm	400 ppm		Proprietary
SECTION III - Physical & Chemical Characteristics				
Boiling Point	Greater than 170°F	Specific Gravity	0.7-0.8	
Vapor Pressure (mm Hg)	Approx. 40mm Hg @68°F but may vary	Melting Point	N/A	
pH	N/A	Evaporation Rate (Ethyl Ether=1)	>1	
Solubility in Water	Negligible	Appearance / Odor	Clear Liquid/ Solvent or Citrus	
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)	Upper:	7	Lower:	1
Flash Point (Method Used)	Approx. 35°F but may vary. Extremely flammable. Autoignition Temperature >350°F			
Extinguishing Media	Dry chemical, foam or carbon dioxide. Water spray may be used to keep exposed containers cool.			
Special Fire Fighting Procedures	NIOSH approved self-contained breathing apparatus, full protective clothing.			
Unusual Fire and Explosion Hazards	Extremely flammable. Material will ignite at ambient temperatures with spark. Vapors may travel to low areas and ignite or explode at ignition sources.			
SECTION V - Reactivity Data				
Stability:	Unstable		X	Stable
Hazardous Polymerization:	X	Will Not Occur		May Occur
Conditions To Avoid	Excessive heat. Ignition sources. Static electricity.			
Incompatibility (Materials to Avoid)	Avoid strong oxidizing agents and acidic agents.			
Hazardous Decomposition or Byproducts	Incomplete combustion can yield carbon monoxide and various hydrocarbons.			

SECTION VI(a) - Health Hazard Data

Inhalation	High vapor concentrations are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death in extreme cases.
Eye	Slightly irritating.
Skin	Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis.
Ingestion	Low order of toxicity. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury.

Reported As Potential Carcinogen or Carcinogen

International Agency for Research on Cancer	X	Not Applicable
National Toxicology Program		OSHA

SECTION VI(b) - First Aid Procedures

Inhalation	Immediately remove victim from exposure. Administer artificial respiration if breathing is stopped. Get medical attention.
Eye	Flush eyes with large amounts of water until irritation subsides. Get medical attention.
Skin	Wash with large amounts of water; use soap if available. Remove contaminated clothing, including shoes.
Ingestion	DO NOT induce vomiting. Keep at rest. Get medical attention.

SECTION VI(c) - Employee Protection

Respiratory Protection (Utilize NIOSH approved respirators. Refer to manufacturer's protection factors and OSHA standard 1910.134 as a guideline.) NIOSH approved respirator for dusts or mists.

SPECIAL PROTECTION INFORMATION:

EYE	Protective goggles if splashing is possible. Maintain eye wash fountain in work area.
SKIN	Wear impervious protective clothing to prevent skin contact.
VENTILATION	Maintain proper ventilation to keep work area below TLV levels. If TLV is exceeded (i.e. 400ppm), a full facepiece chemical cartridge respirator may be worn.
SPECIAL PROTECTION	Use in well ventilated area. Avoid irritating levels by using sufficient exhaust system.

SECTION VII - Special Precautions

Handling and Storage	Store in cool, dry, well ventilated area, away from heat and ignition sources. Smoking should not be allowed. Dispense with U.L. approved pump designed for use with flammable solvents. Use non-sparking tools and equipment.
Other Precautions	Drain containers completely. Properly bung and promptly return to a drum reconditioner. Liquid/vapor residue in "EMPTY" drums are flammable.

SECTION VIII - Environmental Protection

Spills / Releases	Contain spilled liquid with sand or earth, but not with combustible materials such as sawdust. Recover by pump or absorbent.
Waste Disposal Method	Consult an expert on disposal and ensure conformity to local, state and federal disposal regulations.

DISCLAIMER The information contained herein is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular purpose and should comply with all federal, state and local regulations. Our goal is to manufacture products with zero or minimal hazards. Our products are improved daily as up-to-date information and research is received from our suppliers to use products with less or no hazards. Please feel free to contact us for current information.