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PROPERTIES

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Type of Cleaner:		Degreaser solvent	
Active Ingredient:		1-Bromopropane	
CAS Number		Mixture	
Cleaning System Options:		Immersion: Yes	Spray Wash : Yes Wipe: Yes
Practical Use and Procedure Summary:		Direct replacement for 1,1,1-trichloroethane; use same cleaning procedures that were used with 1,1,1-trichloroethane	
Cleaning Ability per Contaminant - Test Method:		ASTM G121/122	
Contaminant:		Mobil 600	
Average Initial Contamination Level (mg/m ²):		1433	
Method:		Immersion	
Time (minutes):		2 minutes	
Cleaning Effectiveness Factor (CEF):		0.99 (Accuracy factor ±01)	
Evaporation Rate Referenced to Butyl Acetate:		4.5	<div>CEF = 0.99</div>
Vapor Pressure (mm Hg at 20° C):		110	
Corrosivity (Al, CU, Fe):		None	
pH:		.002 wt % as HCL	
Residue Potential:		2 ppm or less	
		Flammability	
		Flammable	No
		Combustible	No
		Flash Point	None
		LEL (%)	4.6
		UEL (%)	8.2

CEF = 0.99

ENVIRONMENTAL FACTORS

Health Hazard (MSDS):	2
Carcinogen:	No
TLV-TWA (ppm):	Not established (See additional information.)
Carcinogen per CA Prop 65:	No
Sara Title III Section 313 Toxic:	N/A
OSHA PEL, PPM:	Not established
ACGIH TLV, PPM:	Not established
Acute Derma LD ₅₀ mg/kg H < 4,300:	Not determined
Acute Inhalation LD ₅₀ mg/m ³ H < 10,000 PPM:	LC ₅₀ 253,000 mg/m ³ /30 minutes
Fish Toxicity 96 HR LC ₅₀ , mg/L H, 500mg/L:	Not determined
Ozone Depleting:	Almost zero
Global Warming Issue:	Almost zero
EPA Clean Air Act Hazardous Air Pollutant:	No
RCRA Hazardous Waste:	No
On SNAP list:	Under application

OTHER

Storage Period:	One year
Ease of Disposal/Recyclable:	By law: local, state and federal regulations (40 CFR 260-281)
Special Handling:	See MSDS
Material Incompatibility:	Avoid strong oxidizers and acids; may attack some plastics and rubber
Warranty:	Certificate of analysis available on request
Availability:	N. America, S. America, Europe & Asia
Price/Unit:	Priced by container size
Additional Information:	Manufacturer's workplace exposure level is 100 ppm averaged over an 8-hour shift. Liquid oxygen and gaseous oxygen systems and cleaning and verification procedures.