

Blue Gold Industrial Cleaner/Degreaser

Aqueous

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PROPERTIES

Type of Cleaner:		Aqueous cleaner for ferrous and non-ferrous metals—use at 5%–10% dilution	
Active Ingredient:		Diethylene glycol n-butyl ether	
CAS Number		112-34-5	
Cleaning System Options:		Immersion: Yes	Spray Wash : Yes Wipe: Yes
Practical Use and Procedure Summary:		Dilute with water (preferably heated to 140 °F). Must have a clean water rinse. Tested safe and effective also with ASTM G72-82 & ASTM D24076. Agitation makes Blue Gold more effective.	
Cleaning Ability per Contaminant - Test Method:		ASTM G121/122	
Contaminant:		Mobil 600	
Average Initial Contamination Level (mg/m ²):		1965	
Concentration of Cleaning Agent:		5%	
Method:		Immersion	
Time (minutes):		10 minutes	
Cleaning Effectiveness Factor (CEF):		1.00 (Accuracy factor ±.01)	
Evaporation Rate Referenced to Butyl Acetate: 1 (same as water)		Flammability	
Vapor Pressure (mm Hg at 20° C): 17.5		Flammable No	
Corrosivity (Al, CU, Fe): Not corrosive		Combustible No	
pH: 13 in concentrate (normal dilution 11.9)		Flash Point None (will not burn)	
Residue Potential: Negligible if rinsed thoroughly		LEL (%) None	
		UEL (%) None	

CEF = 1.00

ENVIRONMENTAL FACTORS

Health Hazard (MSDS):	0 = slight (HMIS)
Carcinogen:	No
TLV-TWA (ppm):	N/A
Carcinogen per CA Prop 65:	No
Sara Title III Section 313 Toxic:	Yes (di-ethylene glycol n-butyl ether)
OSHA PEL, PPM:	None established due to being a mixture
ACGIH TLV, PPM:	None established due to being a mixture
Acute Derma LD ₅₀ mg/kg H < 4,300:	Independent testing by Leberco Labs
Acute Inhalation LD ₅₀ mg/m ³ H < 10,000 PPM:	Showed no effects on inhalation, ingestion, skin abrasion
Fish Toxicity 96 HR LC ₅₀ , mg/L H, 500mg/L:	Untested
Ozone Depleting:	No
Volatile Organic Compound (Global Warming Issue):	No
EPA Clean Air Act Hazardous Air Pollutant:	No
RCRA Hazardous Waste:	No
On SNAP list:	Yes

OTHER

Storage Period:	Indefinite
Ease of Disposal/Recyclable:	No environmental problems/biodegradable
Special Handling:	None
Material Incompatibility:	None known
Warranty:	None
Availability:	Worldwide
Price/Unit:	
Additional Information:	