

Table 5.4.3 M: Assessment Summary for Brake Cleaning Alternatives

Assessment Criteria		PCE reference	Heptane-Brake	Hydrocarbon-Brake	Toluene-Brake	Aqueous 1
Technical Criteria	Cleaning	Effective	=	=	=	=
	Fiber control	Unknown	-	?	?	?
	Drying	Quick	?	=	?	-
	Residue	None	?	=	=	-
	Flammable	Non	-	-	=	=
Financial Criteria	Purchase	\$0.25/oz	+	=	-	+
Environmental Criteria	Water	60 days	+	+	+	+
	Soil	120 days	+	=	+	+
	Sediment	540 days	+	+	+	+
	Air	98 days	=	+	=	+
	BCF	83	-	-	+	+
Human Health Criteria	Exposure limits	100 ppm; 25 TLV	+	+	+	+
	Dermal/Ocular/Respiratory	Irritant	+	=	=	+
	Mutagenicity	No	=	=	-	=
	Carcinogenicity	2A	+	+	+	+
	Reproductive or Developmental Toxicity	No	=	=	-	=
Safety Criteria	Flammability	Nonflammable	-	-	-	+
	Reactivity	Non reactive	=	=	=	=
	Corrosivity	Non corrosive	=	=	=	=

Comparison Key

+ Better = Similar - Worse ? Unknown