

Table 5.4.3 N: Assessment Summary for Alternatives Engine Cleaning (External) Aerosols

Assessment Criteria		PCE reference	Petroleum 1-Engine	Butoxyethanol-Engine	Terpene 1-Engine	Terpene 2-Engine	Aqueous 2	Aqueous 1
Technical Criteria	Cleaning	Effective	=	=	=	=	=	=
	Cling to surface	Unknown	+	?	?	?	+	+
	Residue	None	?	+	?	?	+	-
	Flash Point	None	=	=	-	=	=	=
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	-	-	+	?	?	+
	D/O/R	Irritant	=	=	=	=	?	+
	Mutagenicity	No	=	+	+	+	?	+
	Carcinogenicity	2A	+	+	+	+	?	+
	Rep/Develop	No	+	+	+	+	?	+
Safety Criteria	Flammability	Nonflammable	-	-	-	=	?	+
	Reactivity	Non reactive	=	=	=	=	?	=
	Corrosivity	Non corrosive	=	=	=	=	?	=

Comparison Key

+ Better = Similar - Worse ? Unknown