

Table 5.4.3 P: Assessment Summary for Alternatives for Automotive Tire Cleaning Aerosols

Assessment Criteria		PCE reference	Silicone-Tire	Glycol Ether-Tire	Hexane-Tire	Aqueous 1
Technical Criteria	Cleaning	Effective	=	=	=	=
	Shine	Yes	+	+	+	?
	One Step	Yes	+	+	+	?
	Non-corrosive	Yes	=	=	=	=
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