

Table 5.4.3 O: Assessment Summary for Alternative Automotive Engine Cleaning (Internal) Aerosols

| Assessment Criteria | | PCE reference | Toluene-Engine | Petroleum 2-Engine | Xylene - Engine |
|------------------------|-----------------|-----------------|----------------|--------------------|-----------------|
| Technical Criteria | Cleaning | Effective | = | = | = |
| | Fuel Additive | Unknown | + | ? | ? |
| 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