

## Appendix 5: Result of Final QCAT Evaluation for Chemicals in Appendix 3

Chemical	End Use	Grades			Reasons for Grade
		Initial	Data Gap	Final	
Chemical 1	Flame Retardant	Grade F	N/A	Grade F	Very high acute mammalian toxicity, high persistence and bioaccumulation. High for three of the human health endpoints and high acute aquatic toxicity. <u>A data gap analysis is not required as all endpoints have data.</u>
Chemical 2	Flame Retardant	Grade B	Grade B	Grade B	Grade B based upon low human hazard endpoints, low AT and moderate B and low P. There is no change to the initial grade as only one data gap exists and it is not for a required endpoint.
Chemical 3	Flame Retardant	Grade C	Grade F <sub>dg</sub>	Grade F <sub>dg</sub>	Grade C due to moderate mutagenicity/genotoxicity and developmental toxicity. Data gaps exist for four criteria including a required endpoint (P). Grade 'F <sub>dg</sub> ' assigned showing lack of confidence in grade assigned based upon existing data.

<b>Grade A</b>	Few concerns, i.e., safer chemical	<b>Preferable</b>
<b>Grade B</b>	Slight concern	<b>Improvement possible</b>
<b>Grade C</b>	Moderate concern	<b>Use but search for safer</b>
<b>Grade F</b>	High concern	<b>Avoid</b>

**Please note:**

These appendices are updated frequently and may be outdated. Updated versions are available on the QCAT website at [www.ecy.wa.gov/GreenChemistry/QCAT.html](http://www.ecy.wa.gov/GreenChemistry/QCAT.html). Go to the website and check the dates to make sure you are using the most current version.