

### Criteria for Acute Toxicity Endpoint

NIOSH banding criteria for <b>Acute Toxicity</b>					
Exposure/Dosing Route	Band				
	A	B	C	D	E
<b>Oral toxicity (LD<sub>50</sub>)</b>	>2,000 mg/kg-bodyweight	>300 to ≤ 2,000 mg/kg-bodyweight	>50 to ≤ 300 mg/kg-bodyweight	>5 to ≤ 50 mg/kg-bodyweight	≤ 5 mg/kg-bodyweight
<b>Dermal toxicity (LD<sub>50</sub>)</b>	> 2,000 mg/kg-bodyweight	>1,000 to ≤ 2,000 mg/kg-bodyweight	>200 to ≤ 1,000 mg/kg-bodyweight	>50 to ≤ 200 mg/kg-bodyweight	≤ 50 mg/kg-bodyweight
<b>Inhalation gases (LC<sub>50</sub>)</b>	> 20,000 ppmV/4h	>2,500 to ≤ 20,000 ppmV/4h	>500 to ≤ 2,500 ppmV/4h	>100 to ≤ 500 ppmV/4h	≤ 100 ppmV/4h
<b>Inhalation vapors (LC<sub>50</sub>)</b>	> 20.0 mg/liter/4h	>10.0 to ≤ 20.0 mg/liter/4h	>2.0 to ≤ 10.0 mg/liter/4h	>0.5 to ≤ 2.0 mg/liter/4h	≤ 0.5 mg/liter/4h
<b>Inhalation dusts and mists (LC<sub>50</sub>)</b>	> 5.0 mg/liter/4h	>1.0 to ≤ 5.0 mg/liter/4h	>0.5 to ≤ 1.0 mg/liter/4h	>0.05 to ≤ 0.5 mg/liter/4h	≤ 0.05 mg/liter/4h

### Worksheet for Acute Toxicity

<b>Acute Toxicity (5 points possible)</b>						
Data Supports:		A	B	C	D	E
If data available, put data in this row corresponding to the correct band criteria; otherwise leave blank.	Oral toxicity (LD <sub>50</sub> )					
	Dermal toxicity (LD <sub>50</sub> )					
	Inhalation gases (LC <sub>50</sub> )					
	Inhalation vapors (LC <sub>50</sub> )					
	Inhalation dusts and mists (LC <sub>50</sub> )					
Source, Rank 1 or 2:						

*\*\*If multiple LD50 or LC50 values are found for each route of exposure/chemical state, record only the lowest value in this chart.*