CADMIUM FACT SHEET		
	Public Health Occupational and Envi   Hazards Identification   Acute Exposure:   • Ingestion can severely irritate the stomach, leading to vomiting, diarrhea, and sometimes death   • Inhalation can severely damage the lungs and can cause death   • Inhalation and ingestion of low levels of cadmium over time can lead to a build-up of cadmium in the kidneys, potentially resulting in kidney disease.   • Prolonged ingestion of cadmium can cause bones to become brittle and break	

## Glossary

The Environmental Protection Agency (EPA) defines Acute Exposure Guideline Levels (AEGLs) as threshold exposure limits for the general public that are applicable to emergency exposure periods ranging from 10 minutes to 8 hours. The three AEGLs are defined as follows:

<u>AEGL-1</u> – airborne concentration of a substance at which the general population could experience notable discomfort, irritation or certain asymptomatic non-sensory effects.

<u>AEGL-2</u> – airborne concentration of a substance at which the general population could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.

<u>AEGL-3</u> – airborne concentration of a substance at which the general population could experience life threatening health effects or death.

