

<b>Taken if Material is Released or Spilled</b>	of un-neutralized acid to sewer. Acid must be managed in accordance with approved local, state, and federal requirements. Consult state environmental agency and/or federal EPA.
<b>Waste Disposal Method</b>	Dispose of as a hazardous waste. Dispose of in accordance with applicable local, state and federal regulations.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Do not carry battery by terminals. Do not drop battery, puncture, or attempt to open battery case. Avoid contact with the internal components of a battery. Do not subject product to open flame or fire and avoid situations that could cause arcing between terminals.
<b>Storage</b>	Store batteries under roof in cool, dry, well-ventilated areas separated from incompatible materials and from activities that may create flames, spark, or heat. Store sealed lead acid batteries at ambient temperature.
<b>Charging:</b>	There is a possible risk of electric shock from charging equipment and from strings of series connected batteries, whether or not being charged. Shut-off power to chargers whenever not in use and before detachment of any circuit connections. Batteries being charged may generate and release flammable hydrogen gas. Charging space should be ventilated. Prohibit smoking and avoid creation of flames and sparks nearby. Wear face and eye protection when near batteries being charged.
<b>Other</b>	Follow Manufacturers Recommendations regarding maximum recommended currents and operating temperature range. Do not overcharge beyond the recommended upper charging voltage limit. Applying pressure or deforming the battery may lead to disassembly followed by eye, skin and throat irritation.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

#### US OSHA Specifically Regulated Substances (29 CFR 1910.1001 – 1050)

Ingredient	CAS Number	Type	Value
Lead	7439-92-1	TWA	0.05 mg/m <sup>3</sup>

#### US OSHA Table Z-1 Limits for Air Contaminants ( 29CFR 1910.1000)

Ingredient	CAS Number	Type	Value
Sulfuric Acid	7664-93-9	PEL	1 mg/m <sup>3</sup>

#### US ACGIH Threshold Limit Values

Ingredient	CAS Number	Type	Value	Form
Lead	7439-92-1	TWA	0.05 mg/m <sup>3</sup>	
Sulfuric Acid	7664-93-9	TWA	0.2 mg/m <sup>3</sup>	Thoracic Fractions

#### US NIOSH: Pocket Guide to Chemical Hazards

Ingredient	CAS Number	Type	Value	Form
Sulfuric Acid	7664-93-9	TWA	1 mg/m <sup>3</sup>	
Separator/Paster Paper Fibrous Glass	65997-17-3	TWA	3 fibers/cm <sup>3</sup> 5 mg/ m <sup>3</sup> 5 mg/ m <sup>3</sup>	Fiber Fibers, total dust Fiber Total
Lead	7439-92-1	TWA	0.05 mg/m <sup>3</sup>	

#### International Exposure Limits (mg/m<sup>3</sup>)

*Chemical & Common Name	Quebec PEV	Ontario OEL	EU OEL
Lead and Lead Compounds (inorganic)	0.05	0.05	0.15 (a)
Electrolyte (H <sub>2</sub> SO <sub>4</sub> /H <sub>2</sub> O)	1	0.2	0.05 (b)

(a) As inhalable aerosol (b) Thoracic fraction