

Power-Sonic PS, PSH, PSG and PG Valve Regulated Batteries

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid	7664-93-9	14-20	1 mg/m3
lead	7439-92-1	65-75	0.15 mg/m3
tin	7440-31-5	<0.5	2 mg/m3
calcium	7440-70-2	<0.1	-

UN No: **Not Applicable**
 Hazchem Code: **Not Applicable**
 DG Class: **Not Applicable**
 Subsidiary Risk: **Not Applicable**
 Packing Group: **Not Applicable**
 Poisons Schedule: **Not Applicable**



NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful by inhalation and if swallowed.
 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
 Causes severe burns.
 Irritating to respiratory system.
 Risk of serious damage to eyes.

Chronic Health Effects:

Danger of cumulative effects.
 Limited evidence of a carcinogenic effect.
 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
 May cause harm to the unborn child.
 Possible risk of impaired fertility.

* – limited evidence

PROPERTIES



Does not mix with water.
 Acid. Increases fire risk.
 Contact with combustible material may cause fire.
 Does not burn.

EMERGENCY



FIRST AID

Swallowed:

Give water (if conscious). URGENT MEDICAL ATTENTION.

Eye:

Wash with running water.

Skin:

Flood body with water. Remove contaminated clothing. Wash with water

Inhaled:

Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

Advice To Doctor:

Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.
 Diazepam is anti-convulsant of choice. BAL may be an effective antidote.

Fire Fighting:

Keep surrounding area cool. Water spray/fog.

Spills and Disposal:

Sweep shovel to safe place.
 Neutralize with soda ash/ lime.

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Gloves:

1.NATURALRUBBER 2.NEOPRENE

Respirator:

Type E-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Storage and Transportation:

Store in cool, dry, protected area.






Fire/Explosion Hazard:

Toxic smoke/fumes in a fire.
 Attacks metals to liberate hydrogen.

Environment:

Very toxic to aquatic organisms.
 May cause long-term adverse effects in the aquatic environment. Use appropriate container to avoid environmental contamination.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

				
Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together