

AERCHEM INC.
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Product Name: Sodium Perchlorate, Anhydrous

Chemical Formula: NaClO₄

Cas No.: 7601-89-0

Physical Data:

Solubility in water:	170 g/100 ml at 0°C
Odor:	Odorless
Physical Form:	White solid granules
Density :	2.5

Fire and Explosion Information:

Fire and explosions hazards: May cause fire or explosion with easily oxidized material, especially when hot.

Flash point: N/A

Extinguishing media to be recommended: Water

Reactivity Data: Stable X Unstable _____

Conditions to Avoid:

No hazardous self-reaction. Incompatible with organic matter, combustibles and strong acids.

Health Hazard Information:

A. Exposure/Health Effects

Irritating to skin, eyes and mucous membranes. Not absorbed through skin.
Internal toxicity is low-LD (oral rate) 2100 mg/kg. LD₅₀ (ipr-mouse) 551 mg/kg. No evidence of carcinogenicity . TLV N/A. PEL - none established.

Handling and Storage Information:

Wear goggles and rubber gloves while handling. Avoid contact with combustible materials.

Leak/Spill Information:

Sweep solids. Wash area thoroughly with water. Disposal to drain. Do not take up in organic absorbent or dispose to incinerator.

B. First Aid:

Wash contact area thoroughly with water.