

## CG6027      PERM POWER

**Danger: Acute toxicity Oral | Serious eye damage | Oxidizing agent | Skin corrosion**

**FOR INDUSTRIAL USE ONLY | KEEP AWAY FROM CHILDREN**

**PRODUCT USE** Chemical industry and laboratories as strong oxidizing agent, use for skin conditions, extensively used in water treatment industry, fruit preservation. In agricultural chemistry, it is used for estimation of active carbon in soil and also as fertilizer. Use as diluent for food colors.

**SYNONYMS:** Mixer of Potassium Permanganate & Sodium sulfate.

**APPEARANCE** Crystalline solid. Crystalline powder, dark violet - brown, odorless. Soluble in water, glycerol and hydrogen iodide.

**PROCEDURE FOR HANDLING:** Wear personal protective equipment. Take care in handling as explosions may occur if it is brought in contact with organic or other readily oxidizable substances, either in solution or in dry state. Explosive in contact with sulfuric acid or hydrogen peroxide. When handling, DO NOT eat, drink or smoke. Wash hands after handling. Avoid contact with skin and eyes. Discard contaminated materials. Protect from freezing and physical damage.

**RECOMMENDED STORAGE METHODS:** Keep container tightly closed. Store in a cool area. Keep container away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Store away from incompatible materials strong reducing agents, organic compounds, combustible materials, metals. Store at ambient temperature. Keep out of direct sunlight. Store in a dry area.

**STORAGE REQUIREMENTS:** SUITABLE MATERIAL: steel. aluminum. glass. stoneware/porcelain. MATERIAL TO AVOID: wood. cellulosic material. Store in a cool, dry, well-ventilated area. Keep container tightly closed. Keep substance away from heat sources. Separate from acids, alkalies, reducing agents and combustibles.

