

## **KMnO<sub>4</sub> (potassium permanganate)**

**Water purification. Mix one or two crystals with 1 qt of water. Add enough so the water turns very light pink. Probably not the best way (healthwise) in the long run, but if you don't trust the water and can't boil it or otherwise treatment it, this is a choice.**

**Add a bit more to the water and it is a disinfectant. It will turn your skin a beautiful purple color.**

**KMnO<sub>4</sub> is used in the Medical field to cure Athlete's Foot and other fungal infections.**

**A strong oxidizer, it can be used as a bleaching agent.**

**Make a strong solution and spread it on snow to signal.**

**Ignition source as a firestarter. As mixed crystals, the mix being made up on the spot, it is highly combustive, not explosive. Otherwise, it is extremely sensitive to detonation and may even self-detonate. Properly used, a fraction of a teaspoon of KMnO<sub>4</sub> and sugar mixed dry as powders, used in the open, (not in a container) it is a harmless firestarting booster.**

**A small pile of KMnO<sub>4</sub> will ignite with a few drops of antifreeze from a car radiator or use Glycerin USP which can be found in your drug store**

Potassium Permanganate is a useful fish disease treatment; acting against a range of protozoan parasites including Trichodina, Costia and Chilodonella.