PRO-POT PERM™

Pro-Pot Perm is a strong oxidizing agent. It converts dissolved iron and/or manganese into insoluble oxides, which can be easily removed by filtration. Pro-Pot Perm regenerates and oxidizes greens and iron filter media. While there are many methods of introducing permanganate to the filter, one method is to make a solution and apply automatically or manually at regular intervals.

Applications

For each cubic foot of filter media, 2-4 oz. dry permanganate is suggested. It may be added directly to the filter or mixed with water and added as a solution. Eight ounces of permanganate will dissolve in one gal. of water at room temperature (68°F). Normal procedure for regenerating an iron filter is usually specified by the filter manufacturer or supplier and depends on water conditions.

Features and Benefits

Pro-Pot Perm is composed of National Sanitation Foundation (NSF) certified material to meet Standard 60: Drinking water treatment chemicals.

Available in two grades: Free Flowing and USP.

- Free Flowing Grade: A 97% Technical Grade with a “Free Flowing” additive.
- USP Grade: A 99% Pharmaceutical “Coarse” grade (U.S. Pharmacopoeia, 20th Edition).

Stains can be removed from the skin with a simple mixture of 30 parts of 3% USP hydrogen peroxide and 40 parts of 5% food-grade white vinegar with 30 parts of water.

Technical Information

Pro-Pot Perm comes as dark purple crystals or granules with a metallic luster. The solubility of Pro-Pot Perm is temperature-dependent and adjustments should be made for varying ambient temperature ranges.

Formulation

Potassium Permanganate ($KMnO_4$) – CAS# 7722-64-7

Storage and Handling

Store in a cool, dry area in closed containers. Protect containers against physical damage. Segregate from acids, peroxides, and all combustible, organic, or easily oxidizable materials. Read relevant Material Safety Data Sheet before handling this product.

Shipping Information

DOT classification: Oxidizer, UN 1490, PG II. Packaging meets all DOT requirements.