



NSF 60 Drinking Water Grade Hydrogen Peroxide

NSF 60 Hydrogen Peroxide, OxyBlast 50% is used for removal of iron and hydrogen sulphide in ground water, for taste and odor control, and for destroying ozone and chlorine residuals in potable water treatment. NSF 60 Hydrogen Peroxide is the National Sanitary Foundation (NSF) approved product for drinking water applications.

Removal of iron NSF 60 Hydrogen Peroxide is effective in oxidation and precipitation of iron, by oxidizing the iron to form dense solids, which are easily removed. Iron could otherwise discolor water, spot laundry, stain plumbing fixtures, and if bacteria were to grow, an abnormal taste, odor and bio fouling could develop in the water system.

Removal of hydrogen sulphide (H₂S) NSF 60 Hydrogen Peroxide can oxidize the H₂S, commonly found in underground potable water sources, and remove the taste and odor associated with sulphides.

Use for Residual Ozone Destruction – It can be added to ensure destruction of small quantities of residual ozone that could be otherwise released into the atmosphere during certain water treatment plant stages.

The use of Hydrogen Peroxide as a pre-oxidant in municipal water treatment has been used for the last 20 Years. With the concerns for disinfectants and disinfection byproducts in the world today, more and more communities are looking for a safe alternative to assist in the reduction of the formation of total Trihalomethanes (TTHM) and halo acetic acids (HAA5).

Taste and Odor Control

Surface waters often contain objectionable taste and odor compounds. Many of these can be treated with NSF 60 Hydrogen Peroxide. While NSF 60 Hydrogen Peroxide is successful in treating many taste and odor occurrences, in some instances it cannot control higher levels of organic compounds. In these cases, an advanced oxidation process that involves the generation of hydroxyl radicals such as UV or Ozone in combination with NSF 60 Hydrogen Peroxide the recommended alternative.

Ph: 604.826.8368
T/F: 1.866.466.8252
Fax: 1.877.360.8368
41611 Nicomen Island Trunk Rd.
Deroche, BC Canada V0M 1G0

info@puroxi.com
www.puroxi.com
www.puroxi.com/movie



Hydrogen Sulfide Removal

Hydrogen sulfide is a common taste and odor compound found in underground potable water sources characterized by a rotten egg odor and metallic taste. NSF 60 Hydrogen Peroxide can effectively oxidize Hydrogen sulfide to remove the taste and odor as well as corrosive possibilities that sulfides bring. The oxidation reaction allows for turbidity to be minimized, hence allowing the operator to see fewer issues in other areas. This allows the use of NSF 60 Hydrogen Peroxide to be more economical than Potassium permanganate or chlorine yet having no byproducts in the process.

Ph: 604.826.8368
T/F: 1.866.466.8252
Fax: 1.877.360.8368
41611 Nicomen Island Trunk Rd.
Deroche, BC Canada V0M 1G0

info@puroxi.com
www.puroxi.com
www.puroxi.com/movie