

## Quickwhite Home Bleaching Kit

### Material Safety Data Sheet

We provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

We make no representations, or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, we will not be responsible for damages resulting from the use of or reliance upon this information.

---

### Hydrogen Peroxide Solution 6-12% by Volume

#### PRODUCT IDENTIFICATION

Synonyms: Bleach: Bleaching Gel: Whitening Gel: Peroxide

Formula CAS No: 7722-84-1

Molecular Weight: 34.01

Chemical Formula:  $H_2O_2$

Hazardous Ingredients: None

#### PRECAUTIONARY MEASURES

**DANGER!. STRONG OXIDIZER. MAY CAUSE BURNS. HARMFUL IF SWALLOWED OR INHALED.**

Do not get in eyes, on skin or in clothing. Avoid breathing mist.

Keep from contact with clothing and other combustible materials.

Do not store near combustible materials.

Use with adequate ventilation.

Wash thoroughly after handling.

## EMERGENCY/FIRST AID

In case of contact immediately flush skin or eyes with plenty of water for at least 15 minutes. For eyes, get medical attention. If swallowed, give water or milk to drink. Get medical attention immediately. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. Get medical attention for any breathing difficulty. In all cases call a physician.

DOT Hazard Class: Oxidizer

## SECTION 1: Physical Data

Appearance: Clear, Colorless Liquid

Odor: Acrid Odor

Solubility: Infinitely Soluble in Water

Boiling Point: 106° C (226° F)

Melting Point: -25° C (-13° F)

Specific Gravity: 1.11

Vapor Density (Air=1): 1.17

Vapor Pressure (mm Hg): 25 at 30° C (86° F)

Evaporation Rate (BuAc=1): <1

## SECTION 2: Fire and Explosion Information

**Fire:** Not combustible, however, substance is a strong oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition. Increases the flammability of combustibles, organic and readily oxidizable materials.

**Explosion:** Contact with oxidizable substances may cause extremely violent combustion. Drying of concentrated hydrogen peroxide on clothing or other combustible materials may cause fire or explosion.

**Fire Extinguishing Media:** Water spray may be used to extinguish surrounding fire and cool exposed containers. Water spray will also reduce fume and irritant gases.

**Special Information:** In the event of fire, wear full protective clothing and NIOSH approved self contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### SECTION 3: Reactivity Data

#### **Stability.**

Unstable. Unstable with heat, may result in dangerous pressures. A strong oxidizer, reacts violently upon contact with many organic substances, particularly textile and paper.

#### **Hazardous Decomposition Products.**

Decomposes to water and oxygen with rapid heat release. Use vented containers. The solution can decompose violently upon heating.

#### **Hazardous Polymerization.**

This substance does not polymerize.

#### **Incompatibilities.**

Heat, reducing agents, organic materials, dirt, alkalies, rust and many metals. Spontaneous combustion may occur on standing in contact with readily flammable materials.

### SECTION 4: Leak/Spill Information

**CAUTION!** Caustic material. Causes fires with organic material. Ventilate area of leak or spill. Clean up personnel require protective clothing. Contain and recover liquid when possible. Larger spills: Absorb with vermiculite, dry sand, earth or similar material for disposal of hazardous waste in a RCRA approved facility. Do not flush to sewer. This oxidizing material can increase the flammability of adjacent combustible materials.

Ensure Compliance with local, state and federal regulations.

**NFPA Ratings: Health: 2, Reactivity: 1, Flammability: 0, Other: Oxidizer.**