

Hydrogen Peroxide Solution 1-2% mouth wash

Material Safety Data Sheet (MSDS - COSHH)

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Hydrogen Peroxide Solution 1-2% by Volume

PRODUCT IDENTIFICATION

Synonyms: Mouth Wash Solution 1-2% HP

Liquid Phase: 1-2% Hydrogen Peroxide

Formula CAS No: 7722-84-1

Molecular Weight: 1-2

Chemical Formula: H₂O₂

Hazardous Ingredients: None

PRECAUTIONARY MEASURES

OXIDIZER. CONTACT WITH OTHER MATERIAL
MAY CAUSE FIRE, MAY CAUSE BURNS. DO NOT
SWALLOW.

Do not get in eyes.
Keep from contact with clothing and other
combustible materials.
Do not store near combustible materials.

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. Get
medical attention for any breathing difficulty. In all
cases call a doctor..

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 an
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 with heat, may result in dangerous
pressures. An 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,
alkalis, rust and many metals. Spontaneous
combustion may occur on standing in contact
with readily flammable materials.

SECTION 4: Leak/Spill Information

CAUTION!. Caustic material. May causes fires with organic material. Ventilate area of lead 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: 0, Reactivity: 1,
Flammability: 0, Other: Oxidizer.**

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