

# Safety Data Sheet

Better Chemistry. Better Business

PEROXY GREEN 2-25%

Revised: 12/12/17

## 1 IDENTIFICATION

Product Name: PEROXY GREEN 2-25%

Product Code : 2342020

Hubbard-Hall Inc.

563 South Leonard Street

Waterbury, CT 06708

Telephone : 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

## 2 HAZARDS IDENTIFICATION

Signal Word: DANGER

Hazard Category: Acute Toxicity-Oral Hazard Category 4

Skin Corrosion/Irritation Hazard Category 1C

Specific Target Organ Toxicity (Single Exposure) Hazard Category 2

Oxidizing Liquids Hazard Category 1

Eye Damage/Irritation Hazard Category 1

Hazard Statements: Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause respiratory irritation.

May cause fire or explosion; strong oxidizer.

Causes serious eye damage.

Prevention: Wash skin thoroughly after handling.

Do not eat, drink, or smoke when using this product.

Do not breath dusts or mists.

Use only outdoors or in well ventilated area.

Keep away from heat.

Keep/Store away from clothing and other combustible material.

Take any precaution to avoid mixing with combustibles.

Wear fire/flammable resistant/retardant clothing.

Keep container tightly closed.

Wear protective gloves, chemical protective clothing, eye protective goggles and face shield for face protection.

Response: If swallowed: Call poison center, if you feel unwell.

Rinse Mouth

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call poison center/doctor if you feel unwell.

If exposed or concerned: Get medical advice/attention.

If in eyes: Wash cautiously with water for several minutes. Remove contact lenses if present and easy to do Continue rinsing. If eye irritation persists, get medical attention

If on skin(or hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

Wash contaminated clothing before reuse.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

In case of fire: Use foam, dry chemicals, carbon dioxide or other type of vapor producing extinguisher. Do not use water.

Storage: Store in a well ventilated place. Keep cool .

Disposal: Dispose of contents/container in accordance with local, regional, national, or international regulations.

### 3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Hydrogen Peroxide		7722-84-1	24-26%

### 4 FIRST AID

After Inhalation:

If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical attention.

After Skin Contact:

If on skin(on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

After Eye Contact:

If in eyes: wash with plenty of water and get medical attention.

Most Important Symptoms/Effects

Inhalation:

May cause irritation and inflammation in nose, throat and lungs.

Eye:

May cause ulceration of the cornea and blindness.

Skin:

Causes bleaching, redness and blistering of the skin.

Indication of immediate medical attention:

Severe eye and or skin irritation or burns.

## 5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:	In case of fire: Use water, foam, chemical extinguisher or carbon dioxide.
Specific hazards arising from the chemical:	This chemical is not flammable. May ignite combustibles (wood, paper, clothing etc.)
Special protective equipment and precautions for firefighter	SCBA and clothing to protect against acid gases and other toxic releases.

## 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, & Emergency Proc	Prevent spilled product from drains, sewers, waterways and soil.
Methods and Materials for containment & cleaning up:	Remove or shutdown ignition sources such as pilot lights, heating elements, furnaces and boilers. Stop leak if possible without risk. If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

## 7 HANDLING AND STORAGE

Precautions for safe handling:

Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Upper/Lower flammability or explosive limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Relative Density:	N/A
Solubility (ies):	Complete in water
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

## 10 STABILITY AND REACTIVITY

Reactivity:	Impurities, decomposition catalysts, metals. metallic salts, alkalis, Hydrochloric Acid, reducing agents.
Chemical Stability:	Stable
Conditions to Avoid:	pH above 3.0, trapped or inadequately vented H <sub>2</sub> O <sub>2</sub> , high temperatures and combustibles
Incompatible Materials:	Iron, Copper, Chromium, Nickel. Mercury, Cobalt, Lead, Manganese, Tin, Dust, Rust, Dirt and Organic Compounds and Alkaline Compounds.
Hazardous Decomposition Products:	Acid gases

## 11 TOXICOLOGICAL INFORMATION

Oral Administration:	Hydrogen Peroxide 60%, LD50, Rat(Male) -872 mg/kg, OECD Test Guideline 401
Dermal administration:	Hydrogen Peroxide 35% -LD50 Rabbit(Male/female) , >2000 mg/kg. US EPA Method
Delayed effects:	NA
	Hydrogen Peroxide. Effect on skin: Causes Caustic burns. With increasing contact length, local erythema or extreme irritation (whitening) up to blistering (caustic burn) can occur. Effect on eyes: Extreme irritation up to cauterisation. Can cause severe conjunctivitis, cornea damage or irreversible eye damage. Symptoms may occur with delay. Effects when swallowed: Swallowing can lead to bleeding of the mouth, esophagus and stomach. The rapid release of oxygen can cause distension and bleeding of the mucosa in the stomach and lead to severe damage of the internal organs, especially in the event of greater than 10% of the product being swallowed.

#### 14 TRANSPORT INFORMATION

UN Number: 2014  
UN Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS,  
Transport Hazard Class (es): 5.1, (8)  
Packing Group: II  
ERG: 140

#### 15 REGULATORY INFORMATION

HMIS: Health: 3 Flammability: 0 Reactivity: 1

Cercla NA

Sara Hazard Classification The chemicals in this product are not subject to SARA Title III, Section 313 Reporting Requirements.  
not listed

#### 16 OTHER INFORMATION

No RoHS or REACH SVHC are contained in this product.

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.

Date Prepared: 7/30/14