

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Hyper O

### Recommended use of the chemical and restrictions on use

**Recommended use** Peracetic acid based sanitizer

**Restrictions on use** For industrial use only

### Supplier details

West Penetone Inc.  
10900 Secant  
Montreal, QC,  
H1J 5S1  
Tel: 514-355-4660

### Emergency Telephone Number

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

Skin Corrosion/Irritation	Category 1
Eye damage/Irritation	Category 1
Acute toxicity- oral	Category 4
Acute toxicity- inhalation	Category 3
Oxidizing liquids	Category 3
Organic peroxides	Type F

### Label Elements

#### **DANGER**

#### **Hazard Statements**

Causes severe skin burns and eye damage|  
Harmful if swallowed  
Toxic if inhaled  
Heating may cause a fire  
May intensify fire; oxidizer



### Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well ventilated area.  
Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep away from clothing and other combustible materials.  
Keep only in original packaging. Keep cool.

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse.  
IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
Immediately call a POISON CENTER or doctor/physician.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
In case of fire: Use CO<sub>2</sub>, foam, dry chemical, water fog to extinguish.

**Precautionary Statements - Storage**

Store locked up. Store in a well ventilated place. Keep container tightly closed. Protect from sunlight. Store separately.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Hydrogen peroxide	7722-84-1	20-22
Acetic acid	64-19-7	5-10
Peroxyacetic acid	79-21-0	4-6

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Causes severe burns to eyes, skin and mucous membranes. Symptoms include tingling sensation, stinging pain and / or reddening or whitening of tissues.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

Oxidizer. Contact with other materials may cause fire or may react with other material or upon heating. The product causes burns to eyes, skin and mucous membranes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective equipment as described in Section 8.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. earth, sand, diatomaceous earth, vermiculite). DO NOT use sawdust, wood chips or combustible materials. Keep in suitable, closed containers for disposal in accordance with local/national regulations. After cleanup, rinse area with water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### **Handling**

Avoid contact with skin, eyes and clothing. Wash face, hands and any exposed skin thoroughly after handling. Use personal protective equipment as described in Section 8.

### Conditions for safe storage, including any incompatibilities

#### **Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place.

#### **Incompatible Materials**

Chlorinated products, alkalis, metals, organic materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Chemical Name	ACGIH TLV
Hydrogen peroxide 7722-84-1	TWA: 1 ppm
Acetic acid 64-19-7	TWA: 10 ppm STEL: 15 ppm
Peroxyacetic acid 79-21-0	STEL: 0.4 ppm

### Appropriate engineering controls

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

#### **Eye/face Protection**

Splash proof goggles or face shield.

#### **Skin and body protection**

Wear rubber or neoprene gloves and rubber boots and apron.

#### **Respiratory Protection**

If exposure limits are exceeded or if ventilation is inadequate, NIOSH/MSHA approved respiratory protection should be worn.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### **APPEARANCE :**

Clear, colorless liquid

#### **ODOR**

Pungent vinegar

#### **ODOR THRESHOLD :**

Not applicable

#### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

#### **VAPOR DENSITY (Air = 1) :**

Not applicable

#### **RELATIVE DENSITY AT 20°C:**

1.12

**pH :**

1.2

**MELTING POINT / FREEZING POINT :**

-5°C

**BOILING POINT/BOILING RANGE :**

100 °C

**FLASH POINT :**

None

**EVAPORATION RATE, water = 1 :**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**SOLUBILITY IN WATER :**

Complete

**PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

**AUTO-IGNITION TEMPERATURE :**

None

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

&gt; 10 cps

**FLAMMABLE LIMITS :****UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

**Conditions to Avoid**

Store away from incompatible materials.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Chlorine gas will be generated if mixed with chlorinated products

**Incompatible Materials**

Chlorinated products, alkalis, metals, organic materials.

**Hazardous decomposition products**

Oxides of carbon and/or nitrogen

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen peroxide 7722-84-1	376 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	2 g/m <sup>3</sup> rat – 4h
Acetic acid 64-19-7	3310 mg/kg (Rat)	1060 mg/kg (Rabbit)	11.4 mg/L rat – 4 hours
Peroxyacetic acid 79-21-0	85-153 mg/kg (Rat)	> 2000 mg/kg (Rat)	204 mg/m <sup>3</sup> rat – 4 hours

**Information on likely sources of exposure****Serious eye damage/irritation**

Corrosive to eyes and may cause grave lesions, including blindness.

**Skin corrosion/irritation**

Corrosive to skin.

**Ingestion**

Ingestion may cause burns to the digestive and respiratory tract.

**Inhalation**

Spray mist may cause irritation or burns to respiratory tract.

**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization**

Not a sensitizer.

**Germ cell mutagenicity**

None known.

**Carcinogenicity**

No listed human carcinogens.

**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT-repeated exposure**

No information available.

**Aspiration Hazard**

None.

**Symptoms related to the physical, chemical and toxicological characteristics**

Refer to Section 4.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available

**Persistence and degradability**

No information available

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

UN3149, hydrogen peroxide and peracetic acid mixture, stabilized, class 5.1 (8), PG II

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

June 6, 2018

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**