



Hydrogen Peroxide	7722-84-1	0.1 - 1.0	Y
Potassium Pyrophosphate	7320-34-5	< 0.1	N
d-Limonene	5989-27-5	< 0.1	Y

#### Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.
Skin Contact:	Wash with soap and water.
Inhalation:	Remove to fresh air.
Ingestion:	Give water or milk to drink if conscious.
Note to Physicians:	Skin contact may produce a temporary bleaching effect.

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Water, foam, carbon dioxide, dry chemical.
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon and nitrogen
Protection of Firefighters:	As for surrounding fire

#### Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes
Environmental Precautions:	Keep out of surface waters
Methods for Containment:	Dike with sand, clay or other suitable material.
Methods for Clean-Up:	Absorb with sand, clay or other suitable material.
Other Information:	Hydrogen peroxide in contact with soil or metals will decompose to water and oxygen.

#### Section 7. Handling and Storage

##### HANDLING

Keep away from metals, skin and eyes.

##### STORAGE

Original container at ambient temperatures (5-50°C, 40-120°F)

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Trade secret surfactant mixture	None established	> 1350 mg/kg
Water	Not applicable	Not applicable
Hydrogen Peroxide	TLV 1 ppm	2000 mg/kg
Potassium Pyrophosphate	None established	2980 mg/kg
d-Limonene	None established	4400 mg/kg

Engineering Controls: Not normally necessary

Eye/Face Protection: Face shield recommended if handling large quantities

Skin Protection: Rubber or other protective gloves recommended if handling large quantities

Respiratory Protection: Not normally necessary

General Hygiene Considerations: Keep out of food and beverages

#### Section 9. Physical and Chemical Properties

Color: Colourless	Odor: Mild citrus
Physical State: Liquid	Odor Treshhold:
pH: 5 - 7	Freezing Point: Not determined

Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: >96°C CC/>205°F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not applicable	Lower Flammability Limit: Not applicable
Vapor Pressure: As water	Specific Gravity: 1.0
Vapor Density: Not determined	Auto-ignition Temperature: Not applicable
Volatile Organic Compound (VOC),%weight: < 1 %	Solubility (water): Soluble
	Percent Volatile: More than 95% including water

#### Section 10. Stability and Reactivity

Stability: See below

Conditions to Avoid: Temperatures above 50°C/120°F, pH above 8

Incompatible Materials: Metals other than stainless steel, soil

Hazardous Decomposition Products: Decomposition products not hazardous

Possibility of Hazardous Reactions: Very low. Under some conditions will decompose to water and oxygen, but not "Hazardously" at this concentration

#### Section 11. Toxicology Information

##### ACCUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 300 grams per kilogram.

Dermal LD50: Not toxic by skin contact. Weighted average more than 200 grams per kilogram.

Inhalation: Not toxic by inhalation. Weighted average more than 400 milligrams per Liter.

Eye Irritation: Direct contact can irritate eyes

Skin Irritation: Prolonged or repeated contact can irritate skin. Skin contact can cause temporary bleaching.

Sensitization: None known

##### CHRONIC EFFECTS

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

#### Section 12. Ecological Information

Ecotoxicity: None known

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: None known

Mobility in Environment: Not determined

#### Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State and Local regulations

#### Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : No SARA 313 substances present

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

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Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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