

Product : AQ-9370

1- IDENTIFICATION

Product Identifier: AQ-9370

Product Description: Disinfectant

Other Means of Identification: Not applicable

Recommended Use: Consult an AquaSan representative

Restrictions on Use: Not applicable

Initial Supplier Identifier: AquaSan

2554 chemin St-Louis

Saint-Lazare, Qc.

J7T 4C2

(450) 202-1460

Emergency Telephone #s: Centre anti-poison: (800) 463-5060

Canutec: (613) 996-6666

2- HAZARD IDENTIFICATION

Classification (GHS-CA)

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

GHS-CA labelling

Hazard pictograms



Signal word (GHS-CA) : DANGER

Hazard statements (GHS-CA) :

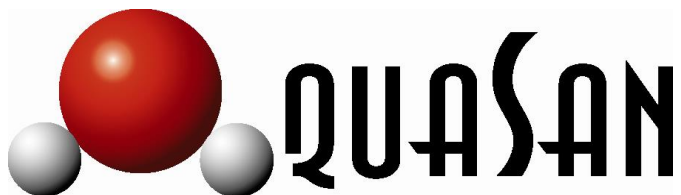
Causes severe skin burns and eye damage

Harmful if swallowed

Toxic if inhaled

Heating may cause a fire

May intensify fire; oxidizer



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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 CO2, 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.

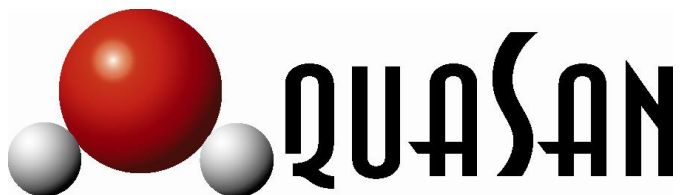
3- COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Cas No.	Concentration
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

Eye contact

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.



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Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation

Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Ingestion

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 burns to eyes, skin and mucous membranes. Symptoms include tingling sensation and / or reddening of tissues.

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.

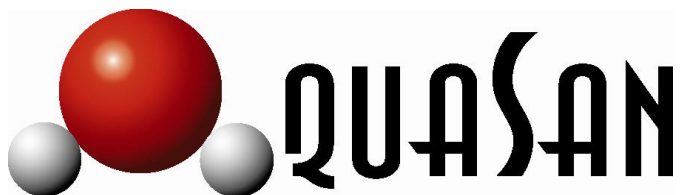
Protective Equipment and Precautions for Firefighters

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.

**Product : AQ-9370****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**

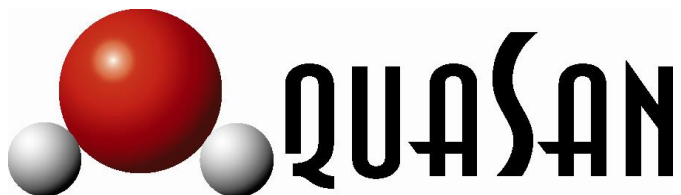
Chemical Name	ACGIH TLV
Hydrogen peroxide 7722-84-1	TWA: 1 ppm
Acetic acid 64-19-7	TWA: 10 ppm STEL: 15 ppm
Peroxyacetic acid 79-21-0	STEL: 0.4 ppm

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, rubber apron and boots.

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

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Clear, colorless liquid
ODOR	Pungent vinegar
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
VAPOR PRESSURE, mm Hg AT 20°C	Not applicable
VAPOR DENSITY (Air = 1)	Not applicable
RELATIVE DENSITY AT 20°C	1.12
SOLUBILITY IN WATER	Complete
PARTITION COEFFICIENT, N-OCTANOL/WATER	Not available
AUTO-IGNITION TEMPERATURE	None
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY	<10 cps
FLAMMABLE LIMITS UPPER AND LOWER	Not applicable

10- STABILITY AND REACTIVITY**Reactivity**

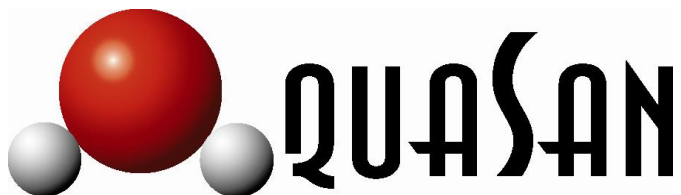
Not reactive

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Will generate chlorine gas when mixed with chlorinated products.

**Product : AQ-9370****Conditions to Avoid**

Store away from incompatible materials.

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 ³ 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 ³ rat – 4 hours

Information on likely sources of exposure

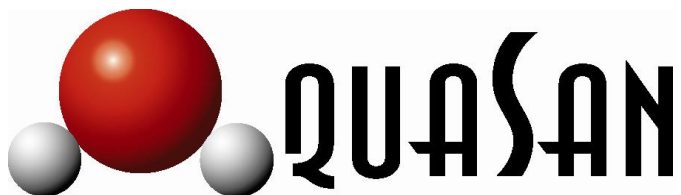
Serious eye damage/irritation	Corrosive to eyes and may cause grave lesions, including blindness.
Skin corrosion/irritation	Corrosive to skin.
Ingestion	Ingestion may cause burns to the digestive and respiratory tract.
Inhalation	Spray mist may cause irritation or burns to respiratory tract.

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 carcinogen.
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.



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12- ECOLOGICAL INFORMATION

Ecotoxicity

If available, ecotoxicity values of individual components are shown below.

Persistence and degradability

No information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Other adverse effects

No additional information available

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

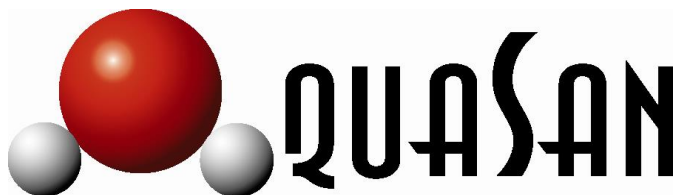
TDG classification

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

15- REGULATORY INFORMATION

National regulations

All ingredients are listed on the DSL



16- OTHER INFORMATION

Date of Latest Revision: January 2021

The opinions expressed herein are those of qualified experts within **AquaSan**. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of the product are not within the control of **AquaSan**, it is the user's obligation to determine the conditions of safe use of the product.

SDS AQ-9370