

Material Safety Data Sheet

Aqua Bond Inc.

Revised: April-29-15

SECTION 1 - PRODUCT INFORMATION

Product Identifier: Spotless™ Sanitize

Product Use: Peroxyacetic acid sanitizer

Aqua Bond Inc.

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EMERGENCY TELEPHONE NUMBER:

CANUTEC @ (613) 996 - 6666

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CONCENTRATION %	CAS NUMBER	LD ₅₀	LC ₅₀	LDL ₀
Hydrogen Peroxide	10 - 50	7722-84-1	2000 mg/kg (oral, mouse)	Not available	Not available
Peroxyacetic acid	5 - 10	79-21-0	1540 mg/kg (oral, rat)	Not available	Not available

SECTION 3 - PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid	pH: 2.0 - 4.0 (10% solution)	SPECIFIC GRAVITY: 1.1 - 1.2
COLOUR: Colourless	ODOUR: Pungent	SOLUBILITY IN WATER: Miscible
VAPOUR PRESSURE: 16 hPa	BOILING POINT: 244.4 °F (118 °C)	FREEZING POINT: Not available
EVAPORATION RATE: Not available		

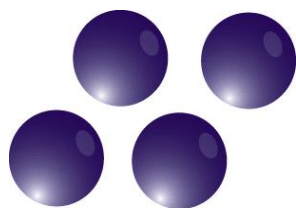
SECTION 4 - FIRE AND EXPLOSION HAZARD

FLAMMABLE: Yes

EXTINGUISHING MEDIA: Small fire: Use dry chemical powder.
Large fire: Use alcohol resistant foam, water spray or fog.

FLASHPOINT AND METHOD: Not applicable

AUTO IGNITION TEMPERATURE: Not applicable



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FLAMMABLE LIMITS IN AIR (% BY VOL.): Lower: 4% by volume
Upper: 17% by volume

HAZARDOUS COMBUSTION PRODUCTS: Not available.

SENSITIVITY TO IMPACT: Not available

SENSITIVITY TO STATIC DISCHARGE: Heating may cause explosion. Protect from heat and against electrostatic charges. Keep ignition sources away.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBLE MATERIALS: Strong alkaline materials.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Will not decompose under normal conditions.

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTES OF EXPOSURE

INHALATION: ☒

EYE CONTACT: ☒

SKIN CONTACT: ☒

INGESTION: ☒

POTENTIAL EFFECTS OF ACUTE EXPOSURE

INHALATION: Corrosive. Harmful if inhaled. May cause severe burn or irritation of the respiratory tract.

EYE CONTACT: Corrosive. May cause severe tissue burns. Symptoms include impaired vision, redness and pain.

SKIN CONTACT: Corrosive. Contact with liquid can cause severe irritation, burns and permanent scarring.

INGESTION: Corrosive. Harmful if swallowed. Can cause severe burns. Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

POTENTIAL EFFECTS OF CHRONIC EXPOSURE

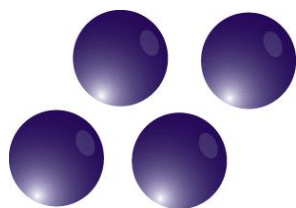
SPECIAL HEALTH PRECAUTIONS: Corrosive. Harmful if swallowed and by inhalation. Do not ingest, inhale, avoid contact with eyes, skin and clothing.

OCCUPATIONAL EXPOSURE LIMIT: Hydrogen Peroxide: IDLH (Immediately Dangerous to Life of Health) - 75 ppm; ACGIH (TLV) -1 ppm (TWA); OSHA - 1.4 mg/m³ (TWA)
Acetic Acid: IDLH - 50 ppm; ACGIH - 10 ppm (TWA); OSHA - 10 ppm (TWA);
NIOSH - 10 ppm (10 hr)TWA
Peroxyacetic Acid: None listed

SECTION 7 - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

Eyes: Avoid contact with eyes. Safety eyewear / face shield, complying with an approved standard should be used to avoid exposure to liquid splashes.



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Skin: Avoid contact with skin and clothing. Personal protective equipment for the body should be selected based on the task being performed and the risk involved.

Hands: Chemical resistant, impervious gloves.

Respiratory: Wear appropriate respirator when ventilation is inadequate. Be sure to use a NIOSH approved respirator or equivalent.

*** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.**

ENGINEERING CONTROLS:

Good general ventilation is recommended.

HANDLING AND STORAGE:

Avoid contact with eyes, skin and clothing. Do not inhale or ingest. Wash thoroughly after handling. Avoid contact with incompatible substances (Strong alkaline materials, combustible materials, heat). Do not store at elevated temperature. Keep container protected from direct sunlight in a dry, cool and well-ventilated area and keep closed when not in use.

SPILL CONTROL AND DISPOSAL:

Follow your company's spill procedures. Keep unnecessary and unprotected personnel away. Avoid contact with eyes, skin and clothing. Wear suitable protective clothing and eye protection. Contain spilled material to ensure runoff does not reach a waterway. Absorb with an inert material and place in an appropriate waste disposal container. Dispose in according to all federal, state and local applicable regulations.

TRANSPORT INFORMATION:

This product is considered dangerous goods under the Department of Transportation Regulations. HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, Class 5.1 (8), UN 3149, PG II.

SECTION 8 - FIRST AID MEASURES

EYE CONTACT:

Immediately flush with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation develops.

SKIN CONTACT:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops, seek medical attention.

INGESTION:

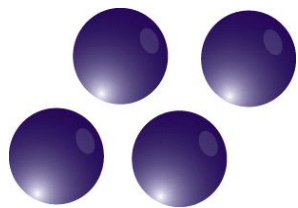
Do NOT induce vomiting. If victim is conscious and alert, give large quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

INHALATION:

If inhaled, remove to fresh air. If breathing is difficult, administer oxygen if available by trained personnel. Seek immediate medical attention.

SECTION 9 - PREPARATION INFORMATION

DEPARTMENT: Laboratory



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Telephone No.: (416) 754 - 7211

Notice :

While the information and recommendations set forth are believed to be accurate as of data hereof, Aqua Bond Inc., makes no warranty with respect thereto and disclaims all liability from reliance thereon.