

Spotless™ CitraPass SS

## SECTION 1: IDENTIFICATION

Product identifier used on a label:

Product code:

HS Code:

Recommended use of the chemical and restrictions on use:

Chemical family:

Name, address and phone # of supplier:

**Spotless™ CitraPass SS**

5386

291814

Industrial use.

Mixture.

Aqua Bond Inc.

440 Passmore Ave.

Toronto, ON, M1V 5J8

(416) 754-7211

**24 Hr. Emergency phone #**

**CANUTEC (613) 996-6666**

## SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical:

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

ACUTE TOXICITY – DERMAL: CATEGORY 5 – May be harmful in contact with skin.

SKIN CORROSION/IRRITATION: CATEGORY 3 – Causes mild skin irritation.

EYE DAMAGE/IRRITATION: CATEGORY 2A – Causes serious eye irritation.

Label elements:



Signal word:

Warning

Hazard statements:

H313: May be harmful in contact with skin.

H316: Causes mild skin irritation.

H319: Causes serious eye irritation.

Precautionary statements:

### Prevention

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/eye protection/face protection.

### Response

#### Skin:

P332+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

#### Eyes:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

Other hazards:

Not available.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/ mixture:

Mixture

### Ingredient name

### CAS Number

### Concentration (wt. %)

Water

7732-18-5

<90%

2-Hydroxypropane 1,2,3-Tricarboxylic Acid

77-92-9

≥10%

## SECTION 4: FIRST-AID MEASURES

Description of first aid measures:

Ingestion	DO NOT induce vomiting, rinse mouth. Administer water if patient is conscious. Get medical attention if a large amount is swallowed. Get medical attention if you feel unwell.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation develops or persists.
Skin contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention.
Eye contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if pain and irritation develops or persists.

Most important symptoms and effects, both acute and delayed:

Causes mild skin irritation. Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed: Not available.

Protection of first-aiders: First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

## SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable Not flammable. Use extinguishing media appropriate for surrounding fire.

Unsuitable None known.

Flash point: Not Available.

Autoignition: Not Available.

Temperature:

Special hazards arising from the substance:

Hazardous thermal decomposition products: Not Available.

Specific hazards:

Not available.

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots.
Environmental precautions:	Should not be released into environment. Prevent from reaching drains, sewer, or waterway.
Methods and materials for containment and cleaning up:	Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local regulations. Containerize for disposal. Refer to Section 13. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal.
Special spill response procedures:	In case of transportation accident, contact CHEMTREC at 1-800-424-9300.

## SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Put on appropriate personal protective equipment. Avoid exposure – obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container.
Conditions for safe storage:	Store in accordance with local regulations. Store in a segregated and approved area. Store protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be resealed and kept upright. Do not store in unlabeled containers.
Incompatible materials:	Metal nitrates (potentially explosive reaction), alkali carbonates and bicarbonates, Potassium Tartrate. Will corrode Copper, Zinc, Aluminum and their alloys.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Exposure limits

### Ingredient

77-92-9

### Exposure limits

OSHA Final Permissible Exposure Limit (PEL) – None listed

ACGIH Threshold Limit Value (TLV) – None listed

Individual protection measures:

Eyes/face: Chemical splash goggles and face shield.

Skin: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Respiratory: Wear appropriate respirator where spray mist occurs. Be sure to use a NIOSH approved dust and mist respirator or equivalent. Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear colorless to pale yellow liquid
Odor:	Mild
Odor threshold:	Not available.
pH:	1.0-2.0
Melting point:	Not available.
Freezing point:	Not available.
Initial boiling point and boiling range:	Not available.
Flash point:	Not available.
Evaporation rate:	Not applicable.
Flammability:	Not applicable.
Upper and lower flammability limits:	Not applicable.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	1.0-1.3 g/cc
Solubility (in water):	Soluble
Partition coefficient n-octanol/water:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not available.
Viscosity:	Not available.

## SECTION 10: STABILITY AND REACTIVITY

Reactivity and chemical stability:	Stable under recommended storage conditions
Possibility of hazardous reactions and conditions to avoid:	Heat and incompatibles.
Incompatible materials:	Metal nitrates (potentially explosive reaction), alkali carbonates and bicarbonates, Potassium Tartrate. Will corrode Copper, Zinc, Aluminum and their alloys.
Hazardous decomposition products:	Carbon Dioxide and Carbon Monoxide may form when heated to decomposition.

## SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity data (77-92-9):	LD50 Rat Oral: 3 g/kg
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Spotless™ CitraPass SS

Information on the likely routes of exposure:

Potential health effects (acute):

Delayed and immediate effects, chronic effects from short and long term exposure:

Potential chronic health effects:

Carcinogenicity:

Mutagenicity:

Teratogenicity:

Developmental effects:

Fertility effects:

Sensitization:

Toxicological effects:

Acute toxicity:

Irritation/corrosion:

Specific target organ toxicity single exposure: Not classified.

Specific target organ toxicity repeated exposure: Not classified.

Aspiration hazard: Not classified.

Irritation Skin Rabbit: 500 mg/24H mild

Irritation Eye Rabbit: 750 ug/24H severe

Skin and Eyes: yes

Inhalation: yes

Ingestion: yes

Ingestion: Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. Extremely large oral dosages may produce gastrointestinal disturbances. Calcium deficiency in blood may result in severe cases of ingestion. Skin Contact: Causes irritation to skin. Symptoms include redness, itching, and pain. Eye Contact: Highly irritating; may also be abrasive.

None known.

Chronic or heavy acute ingestion may cause tooth enamel erosion.

Not listed as a carcinogen.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

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No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

Causes mild skin irritation. Causes serious eye irritation.

## SECTION 12 ECOLOGICAL INFORMATION

**Toxicity (77-92-9):** Fish: LC50 Leucisus idus melanotus: 440 mg/L/48h

Aquatic Invertebrates: Daphnia magna: 1525 mg/L/24h

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Will likely be mobile in the environment due to water solubility.

## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be

## SAFETY DATA SHEET

disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### SECTION 14: TRANSPORT INFORMATION

UN Number:

TDG

Not regulated.

UN proper shipping name:

-

Transport hazard class:

-

Packing group:

-

Environmental hazard:

No data available.

Special precautions for user:

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident.

### SECTION 15: REGULATORY INFORMATION

United States

Toxic Substances Control Act (TSCA)

All components are listed.

Superfund Amendments and Reauthorization Acts

Section 311/312: Acute

Canada

All components are listed.

Canadian Domestic Substances List (DSL):

### SECTION 16: OTHER INFORMATION

Revision date: March 31, 2020

UN = United Nations

#### Disclaimer

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.