

**Safety Data Sheet**

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 09.26.2016

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**Starch Ind Soln, 1.0%w/v**

**SECTION 1: Identification**

**Product identifier**

**Product name:** Starch Ind Soln, 1.0% w/v

**Product code:** AR-1086-60

**Recommended use of the product and restriction on use**

**Relevant identified uses:** Laboratory chemicals

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

**Manufacturer or supplier details**

**Manufacturer:**

Aqua Analytics  
245 Matheson Blvd East, Units 1 & 2  
Mississauga, Ontario Canada L4Z 3C9  
(888) 712-4000

**Emergency telephone number:**

**ChemTel: (24-hour)**

+1(800)255-3924

+1(813)248-0585 (International)

**SECTION 2: Hazard identification**

**GHS classification:** Not a hazardous substance or mixture

**Label elements**

**Hazard pictograms:** None

**Signal word:** None

**Hazard statements:**

**Precautionary statements:**

None

**Hazards not otherwise classified:**None

**SECTION 3: Composition/information on ingredients**

Identification	Name	Weight %
CAS number: 7732-18-5	Water	>98
CAS number: 69-72-7	Salicylic acid	0.1
CAS number: 9005-84-9	Starch, Soluble	1

**Additional Information:** None

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## SECTION 4: First-aid measures

### Description of first-aid measures

#### General notes:

No additional information.

#### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position.

Maintain an unobstructed airway.

Get medical advice/attention if you feel unwell.

#### After skin contact:

Rinse affected area with soap and water.

If symptoms develop or persist, seek medical attention.

#### After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

Get medical advice/attention.

#### After ingestion:

Rinse mouth and then drink plenty of water.

Do not induce vomiting.

Get medical advice/attention if you feel unwell.

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

#### Acute symptoms and effects:

Not determined or not available.

#### Delayed symptoms and effects:

Not determined or not available.

### Immediate medical attention and special treatment

#### Specific treatment:

Not determined or not available.

#### Notes for the doctor:

No additional information.

## SECTION 5: Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

#### Unsuitable extinguishing media:

No information available.

### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors.

### Special protective equipment for fire-fighters:

Wear protective eye wear, gloves and clothing.

Refer to Section 8.

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

### Special precautions:

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Heating causes a rise in pressure, risk of bursting and combustion.  
Shut off sources of ignition.  
Carbon monoxide and carbon dioxide may form upon combustion.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.  
Ensure air handling systems are operational.  
Wear protective eye wear, gloves and clothing.

#### Environmental precautions:

Should not be released into the environment.  
Prevent from reaching drains, sewer or waterway.

#### Methods and material for containment and cleaning up:

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).  
Dispose of contents / container in accordance with local regulations.

#### Reference to other sections:

None

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Do not eat, drink, smoke or use personal products when handling chemical substances.  
Avoid breathing mist or vapor.  
Use only with adequate ventilation.

#### Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated area.  
Store away from foodstuffs.

### SECTION 8: Exposure controls/personal protection

#### Occupational Exposure limit values:

No occupational exposure limits noted for the ingredient(s).

#### Biological limit value:

No biological exposure limits noted for the ingredient(s).

#### Information on monitoring procedures:

Not determined or not applicable.

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.  
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Personal protection equipment

##### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

##### Skin and body protection:

Select glove material impermeable and resistant to the substance.

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### Respiratory protection:

When necessary, use NIOSH-approved breathing equipment.

### General hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with skin, eyes and clothing.

Perform routine housekeeping.

Wash contaminated clothing before reusing.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance (physical state, color):</b>	Translucent liquid
<b>Odor:</b>	Slight potato-like odor
<b>Odor threshold:</b>	Not available
<b>pH-value:</b>	Not available
<b>Melting/Freezing point:</b>	Not available
<b>Boiling point/range:</b>	Not available
<b>Flash point:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gaseous):</b>	Not available
<b>Explosion limit upper:</b>	Not available
<b>Explosion limit lower:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Density:</b>	Not available
<b>Relative density:</b>	Not available
<b>Solubilities:</b>	Infinite solubility in water.
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Auto/Self-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Dynamic viscosity:</b>	Not available
<b>Kinematic viscosity:</b>	Not available
<b>Explosive properties</b>	Not determined or not available.
<b>Oxidizing properties</b>	Not determined or not available.

### Other information

## SECTION 10: Stability and reactivity

### Reactivity:

Does not react under normal conditions of use and storage.

### Chemical stability:

Stable under normal conditions of use and storage.

### Possibility of hazardous reactions:

None under normal conditions of use and storage.

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### Conditions to avoid:

None known.

### Incompatible materials:

None known.

### Hazardous decomposition products:

None known.

## SECTION 11: Toxicological information

### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Route	Result
Salicylic acid	oral	LD50 Oral - Rat - male - 891 mg/kg

### Skin corrosion/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Result
Salicylic acid	Causes serious eye damage

### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

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**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**Information on likely routes of exposure:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available.

**Other information:** No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

### Other adverse effects:

No information available.

## SECTION 13: Disposal considerations

### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

## SECTION 14: Transport information

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## Starch Ind Soln, 1.0%w/v

### Canadian Transportation of Dangerous Goods (TDG)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	
Special precautions for user	None

### International Maritime Dangerous Goods (IMDG)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	
Special precautions for user	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	
Special precautions for user	None

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk Name	None
Ship type	None
Pollution category	None

## SECTION 15: Regulatory information

### Canada regulations

#### Domestic substances list (DSL):

9005-84-9	Starch, Soluble	Listed
7732-18-5	Water	Listed
69-72-7	Salicylic acid	Listed

#### Non-domestic substances list (NDSL): Not listed

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### SECTION 16: Other information

**Abbreviations and Acronyms:** None

**Disclaimer:**

This product has been classified in accordance with the Canadian Hazardous Products Regulations and WHMIS 2015. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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**End of Safety Data Sheet**