

# SAFETY DATA SHEET



Revision date: 22-May-2020

Revision Number 4

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### Product identifier

Product Name                                   AQUAXYL  
Product Code(s)                               000000035627

### Other means of identification

### Recommended use of the chemical and restrictions on use

Recommended use                               Cosmetics additive.  
Uses advised against                           No information available.

### Details of the supplier of the safety data sheet

#### Supplier

Ixom Operations Pty Ltd (Bronson & Jacobs division) - incorporated in Australia  
Street Address: 166 Totara Street  
Mt Maunganui South  
New Zealand

Telephone Number: +64 9 309 2528  
Facsimile: +64 9 0508 366 364

### For further information, please contact

Contact Point                                   Product Safety Department

### Emergency telephone number

Emergency Telephone                           **0 800 734 607 (ALL HOURS)**

## 2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

Based on available information, not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and the Hazardous Substances (Classification) Notice 2017.

### GHS Classification

### Label elements

### Hazard statements

**Other hazards which do not result in classification**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical name   | CAS No. | Weight-% |
|---|---------|----------|
| D-Glucose, polymer with xylitol and D-Xylitol, 1,4-anhydro- and Xylitol | -       | 80-100   |

**4. FIRST AID MEASURES****Description of first aid measures**

|                                   |  |
|-----------------------------------|--|
| <b>Emergency telephone number</b> | Poisons Information Center, New Zealand: 0800 764 766<br>Poisons Information Center, Australia: 13 11 26                   |
| <b>Inhalation</b>                 | Remove to fresh air.   |
| <b>Eye contact</b>                | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.       |
| <b>Skin contact</b>               | Wash with plenty of water. Call a physician if symptoms occur.   |
| <b>Ingestion</b>                  | Rinse mouth thoroughly with water. Do not induce vomiting without medical advice. Get medical attention if symptoms occur. |

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

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE FIGHTING MEASURES****Suitable Extinguishing Media**

**Suitable Extinguishing Media** Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** Combustible material.

**Hazardous combustion products** Carbon oxides.

**Special protective actions for fire-fighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes and inhalation of vapors. Evacuate personnel to safe areas.

**For emergency responders** Use personal protection recommended in Section 8.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

### Precautions to prevent secondary hazards

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid breathing vapors or mists. Avoid contact with eyes and prolonged or repeated contact with skin.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store in a cool, well ventilated area. Protect from sunlight. Keep at temperatures between 5 °C and 25 °C. Keep container closed when not in use.

**Incompatible materials** Oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** No value assigned for this specific material by the New Zealand Workplace Health & Safety Authority.

### Appropriate engineering controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the

physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.



|  |  |
|--|--|
| <b>Eye/face protection</b>             | Glasses.   |
| <b>Hand protection</b>                 | Impervious gloves.   |
| <b>Skin and body protection</b>        | Protective shoes or boots. Overalls.   |
| <b>Respiratory protection</b>          | If determined by a risk assessment an inhalation risk exists, wear an organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. |
| <b>Environmental exposure controls</b> | No information available.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                           |
|-----------------------|---------------------------|
| <b>Physical state</b> | Clear Liquid              |
| <b>Appearance</b>     | No information available. |
| <b>Color</b>          | No information available. |
| <b>Odor</b>           | No information available. |
| <b>Odor threshold</b> | No information available. |

| <u>Property</u>                               | <u>Values</u>      | <u>Remarks • Method</u> |
|---|--------------------|-------------------------|
| <b>pH</b>                                     | 5.5-7.5 (5% w/w)   | None known              |
| <b>Melting point / freezing point</b>         | < -5               | None known              |
| <b>Boiling point / boiling range</b>          | >100°C             | None known              |
| <b>Flash point</b>                            | >100°C (estimated) | CC (closed cup)         |
| <b>Evaporation rate</b>                       | No data available  | None known              |
| <b>Flammability (solid, gas)</b>              | No data available  | None known              |
| <b>Flammability Limit in Air</b>              |                    | None known              |
| <b>Upper flammability or explosive limits</b> | No data available  |                         |
| <b>Lower flammability or explosive limits</b> | No data available  |                         |
| <b>Vapor pressure</b>                         | No data available  | None known              |
| <b>Vapor density</b>                          | No data available  | None known              |
| <b>Relative density</b>                       | 1.36 @25°C         | None known              |
| <b>Water solubility</b>                       | Miscible in water  | None known              |
| <b>Solubility(ies)</b>                        | No data available  | None known              |
| <b>Partition coefficient</b>                  | No data available  | None known              |
| <b>Autoignition temperature</b>               | No data available  | None known              |
| <b>Decomposition temperature</b>              | No data available  | None known              |
| <b>Kinematic viscosity</b>                    | No data available  | None known              |
| <b>Dynamic viscosity</b>                      | 2000 mPa.s @20°C   | None known              |

### Other information

## 10. STABILITY AND REACTIVITY

### Reactivity

**Reactivity** No information available.

### Chemical stability

**Stability** Stable under normal conditions.

### Explosion data

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### Conditions to avoid

**Conditions to avoid** Heat, flames and sparks.

### Incompatible materials

**Incompatible materials** Oxidizing agents.

### Hazardous decomposition products

**Hazardous decomposition products** Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Information on likely routes of exposure

**Product Information** No adverse health effects expected if the chemical is handled in accordance with this Safety Data Sheet and the chemical label. Symptoms or effects that may arise if the chemical is mishandled and overexposure occurs are:

**Inhalation** Inhalation of vapors in high concentration may cause irritation of respiratory system.

**Eye contact** Contact with eyes may cause irritation.

**Skin contact** May cause irritation.

**Ingestion** May cause gastrointestinal discomfort if consumed in large amounts.

**Symptoms** No information available.

### Acute toxicity

#### **Numerical measures of toxicity**

No information available.

*See section 16 for terms and abbreviations*

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |   |
|--|---|
| <b>Skin corrosion/irritation</b>         | No information available.                             |
| <b>Serious eye damage/eye irritation</b> | No information available.                             |
| <b>Respiratory or skin sensitization</b> | Not classified.                                       |
| <b>Germ cell mutagenicity</b>            | Did not show mutagenic effects in animal experiments. |
| <b>Carcinogenicity</b>                   | No information available.                             |
| <b>Reproductive toxicity</b>             | No information available.                             |
| <b>STOT - single exposure</b>            | No information available.                             |
| <b>STOT - repeated exposure</b>          | No information available.                             |
| <b>Aspiration hazard</b>                 | No information available.                             |

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

|                                |                                    |
|--------------------------------|------------------------------------|
| <b>Ecotoxicity</b>             | Keep out of waterways.             |
| <b>Terrestrial ecotoxicity</b> | There is no data for this product. |

**Persistence and degradability**

|                                      |                        |
|--------------------------------------|------------------------|
| <b>Persistence and degradability</b> | Readily biodegradable. |
|--------------------------------------|------------------------|

**Bioaccumulative potential**

|                        |                           |
|------------------------|---------------------------|
| <b>Bioaccumulation</b> | No information available. |
|------------------------|---------------------------|

**Mobility**

|                         |                           |
|-------------------------|---------------------------|
| <b>Mobility in soil</b> | No information available. |
|-------------------------|---------------------------|

**Other adverse effects**

|                              |                           |
|------------------------------|---------------------------|
| <b>Other adverse effects</b> | No information available. |
|------------------------------|---------------------------|

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Landfill or incineration in accordance with local, state and federal regulations. |
| <b>Contaminated packaging</b>              | No information available.   |

**14. TRANSPORT INFORMATION**

|                                       |  |
|---------------------------------------|--|
| <b><u>ROAD AND RAIL TRANSPORT</u></b> | Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.   |
| <b><u>IATA</u></b>                    | Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS. |
| <b><u>IMDG</u></b>                    | Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.                    |

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### New Zealand

**National regulations** See section 8 for national exposure control parameters

#### International Inventories

|                      |  |
|----------------------|--|
| <b>NZIoC</b>         | Contact supplier for inventory compliance status.  |
| <b>TSCA</b>          | Contact supplier for inventory compliance status.  |
| <b>DSL/NDSL</b>      | Contact supplier for inventory compliance status.  |
| <b>EINECS/ELINCS</b> | Contact supplier for inventory compliance status.  |
| <b>ENCS</b>          | Contact supplier for inventory compliance status.  |
| <b>IECSC</b>         | Contact supplier for inventory compliance status.  |
| <b>KECL</b>          | Contact supplier for inventory compliance status.  |
| <b>PICCS</b>         | Contact supplier for inventory compliance status.  |
| <b>AICS</b>          | All the constituents of this material are listed on the Australian Inventory of Chemical Substances. |

#### **Legend:**

**NZIoC** - New Zealand Inventory of Chemicals  
**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## 16. OTHER INFORMATION

Supplier Safety Data Sheet 09/ 2019

**Prepared By**

This Safety Data Sheet has been prepared by Ixom Operations Pty Ltd (Toxicology and SDS Services).

**Issuing Date:**

22-May-2020

**Reason(s) For Issue:**

5 Yearly Revised Primary SDS

**Revision Note:**

The symbol (\*) in the margin of this SDS indicates that this line has been revised.

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |
| C       | Carcinogen                  |      |                                  |

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australian Industrial Chemicals Introduction Scheme (AICIS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 RTECS (Registry of Toxic Effects of Chemical Substances)  
 World Health Organization

**Disclaimer**

**This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Ixom Operations Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.**

**If clarification or further information is needed, the user should contact their Bronson & Jacobs representative or Ixom Operations Pty Ltd at the contact details on page 1.**

**Ixom Operations Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.**

**Bronson and Jacobs incorporating the businesses of Woods and Woods and Keith Harris.**

**End of Safety Data Sheet**