

Safety Data Sheet

Date of Issue: 29 March 2017

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:

Qweller C - AB

Recommended Use:

Enhance biological wastewater treatment processes, improve solids settling, and reduce BOD and TSS

Supplier Details:

Company: Insight Environmental
Address: 40 Hargreaves Street BELMONT WA 6104 Australia
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SECTION 2: HAZARDS IDENTIFICATION

Not classified as hazardous according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Non Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Product Description: Liquid suspension of a proprietary mixture of selected Aerobic and Anaerobic micro-organisms in buffered suspension. Product contains Class I (food grade) bacteria only.

Chemical Name	CAS Number	Proportion
Ingredients not deemed to be hazardous	N/A	100%

SECTION 4: FIRST AID MEASURES

As with any chemical, ingestion, inhalation, and prolonged or repeated skin contact should be avoided by good occupational work practice.

First Aid Measures:

Skin: Immediately wash affected area thoroughly with water.
Eyes: Immediately flush with plenty of water. If irritation persists, have eyes treated by medical personnel.
Ingestion: Drink plenty of water to dilute and seek immediate medical attention.
Inhaled: Transfer to fresh air.

SECTION 5: FIRE FIGHTING MEASURES

Flammability: Product is not flammable.
Flash Point: N/A
Upper Explosion Limit: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid eye contact.
Spills:	Very small spills can be flushed to the drainage system.
Disposal:	Large spills must be collected for disposal or reuse. Wear appropriate protective clothing.

SECTION 7: HANDLING AND STORAGE

Product Handling:	Wear appropriate PPE – see section 8.
Storage:	Store dry in temperature range 5 - 20°C. Do not expose to direct sunlight or moisture.
Storage Materials:	Standard packaging.
Incompatibilities:	None known.
Other information:	None established.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:	Refer to section 4.
Engineering Controls:	No special engineering controls required.
Personal Protection	
<i>Respiratory:</i>	Respiratory protection is not normally required.
<i>Hand:</i>	Gloves are not normally required.
<i>Eye:</i>	Safety glasses are not normally required.
<i>Skin:</i>	Protective equipment is not normally necessary.
<i>Hygiene:</i>	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clarity:	Clear to light brown.
Colour:	Brownish tinge.
State:	Aqueous solution.
Odour:	Slightly earthy smell.

Chemical Properties

Solubility:	Active ingredients insoluble.
Specific Gravity (20°C):	1.0
Percent Volatile:	N/A
Viscosity:	N/A
Flammability:	Not determined.
Explosive Properties:	Not determined.
pH:	7.0 – 8.5
Boiling Point (C°):	N/A
Oxidising Potential:	Not determined.
Vapour Pressure:	Not determined.
Vapour Density:	Not Determined.
Evaporation Rate:	Same as water.
Shelf Life:	6 months..

SECTION 10: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable under normal conditions.
Incompatible Materials: Strong oxidising agents / disinfectants such as chlorine, bleach, quaternary ammonia.
Conditions for Reactivity: Avoid excessively high or low temperatures (keep above 4 degrees and below 35).

SECTION 11: TOXICOLOGY INFORMATION

Micro-organisms used are non-pathogenic.
Product is considered non-toxic by ingestion.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic: No environmental hazard anticipated provided the material is handled and disposed of with due care and attention.
Terrestrial: No environmental hazard anticipated provided the material is handled and disposed of with due care and attention.

SECTION 13: DISPOSAL CONSIDERATIONS

Product is 100% biodegradable.
Disposal of this product or its residue must be in accordance with all local and national regulations.
No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

SECTION 14: TRANSPORT INFORMATION

Product is classified as “cultures of micro-organisms” for shipping and air to IATA standards.
No special packaging or labelling requirements are needed for this product.

SECTION 15: REGULATORY INFORMATION

No risk phrases, safety phrases or mandatory hazard symbols associated with product.

Hazard symbols: Not applicable.
Risk phrases: R36 – Irritating to eyes
R38 – Irritating to skin
Safety phrases: S24 – Avoid contact with skin
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical
S37/39 – Wear suitable gloves and eye/face protection

SECTION 16: OTHER INFORMATION

LAST REVISION DATE: 29 March 2017

Safety Data Sheets are current for a maximum of five years but may be updated more frequently. Please ensure that you have a current copy.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since Insight Environmental and its subsidiary companies cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Insight Environmental and its subsidiary companies will not be responsible for damages of any nature resulting from use of or reliance upon the information. No expressed or implied warranties are given other than those implied mandatorily by Commonwealth, State or Territory legislation.

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