

# SAFETY DATA SHEET

# Glycan

Preparation Date: 24-Aug-2015

Revision Number: 3.0

Revision Date: 20-Feb-2017

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** Glycan  
**Item#:** AUS54462  
**Recommended use** Udder emollient  
**Uses advised against** Restricted to professional users

**Supplier** DeLaval Pty Ltd  
1 Global Drive  
Westmeadows, VIC 3049  
Australia  
Telephone 61-3-8336-7977

**Emergency Telephone Number** 131 126 (Poison Control Centre)

## 2. HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Not Hazardous. Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

### 2.2. Label Elements

**Precautionary statements** P102 - Keep out of reach of children

### **Note**

Signal words and pictograms are not required on labels for AgVet chemicals.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
D-Glucitol	50-70-4	30 - 60%
Water	7732-18-5	30 - 60%
Glycerol	56-81-5	10 - 30%
Other non-hazardous ingredients	NOT SPECIFIED	0 - 1%

## 4. FIRST AID MEASURES

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin contact** Wash off with warm water and soap. Get medical attention if irritation develops and persists.

**Inhalation** Move to fresh air. Get medical attention if symptoms occur.

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<b>Ingestion</b>	Drink 1 or 2 glasses of water. Consult a physician.
<b>Effects of overexposure</b>	No information available
<b>Indication of any immediate medical attention and special treatment needed</b>	No information available

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Specific hazards arising from the chemical</b>	Combustible material.
<b>Protective Equipment and Precautions for Firefighters</b>	Standard procedure for chemical fires.
<b>Hazchem Code</b>	No Hazchem Code allocated

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	For personal protection see section 8.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Take up mechanically and collect in suitable container for disposal.

## 7. HANDLING AND STORAGE

<b>Safe Handling Advice</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible products</b>	No information available.

<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Occupational exposure controls****Exposure limits**

Chemical Name	ES-TWA	ES-STEL	ES-Peak
Glycerol	10 mg/m <sup>3</sup>		

**Biological standards**

No biological limit allocated

**Engineering Controls**

Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment****Eye/face Protection**

Safety glasses with side-shields

**Skin Protection**

Long sleeved clothing, Boots

**Hand Protection**

Protective gloves

**Respiratory Protection**

No special protective equipment required.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Appearance**

Green

**Physical state**

Liquid

**Odor**

Slight

**Odor Threshold**

No information available

**pH**

No data available

**pH (1%)**

5

**Specific Gravity**

1.08

**Vapor Pressure**

No data available

**Vapor Density**

No data available

**Flash Point**

No data available

**Autoignition Temperature**

No data available

**Boiling Point/Range**

No data available

**Melting Point/Range**

No data available

**Freezing Point/Range**

No data available

**Decomposition temperature**

No information available

**Flammability (solid, gas)**

No information available

**Explosion Limits**

No information available

**Evaporation Rate**

No data available

**Relative Density**

No data available

**Solubility**

No information available

**Partition Coefficient**

No data available

**(n-octanol/water)****Viscosity**

No information available

<b>10. STABILITY AND REACTIVITY</b>
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**Reactivity**

No information available

<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	None under normal use
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	strong acids, strong bases, strong oxidizing agents
<b>Hazardous decomposition products</b>	No information available

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Inhalation</b>	No information available.
<b>Skin contact</b>	No information available.
<b>Ingestion</b>	No information available.

### **Component Analysis - LD50/LC50**

<b>Chemical Name</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
D-Glucitol 50-70-4	= 15900 mg/kg ( Rat )		
Glycerol 56-81-5	= 12600 mg/kg ( Rat )	21900 mg/kg ( Rat )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h

### Potential Health Effects

<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	Not hazardous.
<b>Aspiration Hazard</b>	No information available.
<b>Information on likely routes of exposure</b>	No known significant effects or critical hazards
<b>Early onset symptoms related to exposure (Immediate effects)</b>	None known
<b>Delayed health effects from exposure</b>	none known

12. ECOLOGICAL INFORMATION
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**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Microtox	Waterflea
Glycerol		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		500: 24 h Daphnia magna mg/L EC50

**Persistence and degradability** No information available

**Bioaccumulation/Accumulation** No information available.

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

**Other adverse effects** No information available

**Biodegradation** No information available.

13. DISPOSAL CONSIDERATIONS
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**Waste Disposal Method** Can be landfilled, when in compliance with local regulations. Dispose of in accordance with local regulations.

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION
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Not regulated

**Road and Rail transport**

<b>UN-No</b>	Not regulated
<b>Proper Shipping Name</b>	Not regulated
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated
<b>Environmental hazard</b>	Not regulated
<b>Special Precautions</b>	Not regulated
<b>Hazchem Code</b>	No Hazchem Code allocated

**IMDG/IMO**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated
<b>IMDG Marine Pollutant</b>	Not regulated

**IATA/ICAO**

<b>UN-No</b>	Not regulated
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<b>Proper Shipping Name</b>	Not regulated
<b>Technical name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated

15. REGULATORY INFORMATION
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<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	No information available
<b>Poison Schedule Number</b>	No poison schedule number allocated
<b>APVMA Approval Number</b>	54462

16. OTHER INFORMATION
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<b>Prepared By</b>	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
<b>Preparation Date:</b>	24-Aug-2015
<b>Revision Date:</b>	20-Feb-2017
<b>Revision Number:</b>	3.0
<b>Reason for revision</b>	Classification according to GHS.

**Disclaimer**

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**End of SDS**