



## Section 1: Identification of the Material and Supplier

**Product Name:** Glycote Udder Emollient

**Other Names:** Aqueous solution of ingredients determined not to be hazardous.

**Proper shipping name (ADG Code):** Not applicable.

**Recommended use:** As an emollient in udder treatment. Use as directed on the product label.

**Supplier:** DASCO Pty. Ltd.,  
ABN: 14 004 581 113  
24 - 26 Helen Street,  
HEIDELBERG HEIGHTS VIC 3081  
Tel: (03) 9459 7004 (business hours)  
Fax: (03) 9459 9200

**Emergency Phone Numbers:**  
Transport/Fire Emergency: 000 (Emergency services)  
Medical Emergency: 131126 (Poisons Information Centre)

## Section 2: Hazards Identification

Not classified as hazardous according to criteria of Worksafe Australia.

Non-dangerous goods.

**Risk Phrases:** None.

**Safety Phrases:** S: 24/25 Avoid contact with skin and eyes.

## Section 3: Composition/Information on Ingredients

**Ingredients:**

Glycerol	[56-81-5]	< 10 %
Other ingredients		30 - 60 %
Water	[7732-18-5]	to 100 %

## Section 4: First Aid Measures

For advice, contact a Poisons Information Centre (Phone 131 126) or a doctor.

- Swallowed: Do not induce vomiting.
- Skin: Remove contaminated clothing and wash skin thoroughly.
- Eyes: Hold eyes open, flood with water for at least 15 minutes and seek medical advice.
- Inhaled: Remove from exposure.

### First Aid facilities:

Recommended: Eye wash. Hand wash basin.

### Advice to Doctor:

Product is an aqueous solution of low toxicity.  
Contact Poisons Information Centre.

### Aggravated medical conditions:

None found.

## Section 5: Fire Fighting Measures

- HAZCHEM Code: None.
- Extinguishant: Water.
- Risk of violent reaction or explosion: No.
- Products of combustion: Water vapour, oxides of carbon.
- Protective Equipment: Breathing apparatus and protective gloves for fire only.

## Section 6: Accidental Release Measures

### Emergency Procedures:

Contain.

### For large spills:

Contain spillage using sand or earth. Transfer both liquids and solids to suitable container. Treat residues as for small spillages.

### For small spills:

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to suitable container and arrange removal by disposals company.

## Section 7: Handling and Storage

### Precautions for safe handling:

Avoid contact with skin and eyes.  
Keep away from oxidising agents.

### Conditions for safe storage:

Store in a cool, well ventilated place, out of reach of children.  
Large quantities should be stored in a bunded area.  
Store in original container.  
Keep away from oxidising agents, strong acids, caustic alkalis. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

### Incompatibles:

Oxidising agents, strong acids, caustic alkalis.

## Section 8: Exposure Controls/Personal Protection

### National Exposure Standards:

ES-TWA:	Glycerol	10 mg/m <sup>3</sup>
ES-STEL:	None.	
ES-PEAK:	None.	
Notations:	None.	

**Biological Limit Values:** No data.

### Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using.

### Personal Protective Equipment:

Avoid contact with skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quality handled and degree of hazard:-

#### Normal Use:

Eye/face protection  
Gloves, rubber or plastic.

#### Industrial Quantities:

Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls.

## Section 9: Physical and Chemical Properties

Appearance: Clear, colourless, slightly viscous liquid.  
Odour: None.  
pH: Neutral  
Vapour Pressure: 23 hPa @ 20 °C [water]  
Vapour Density: No data.  
Boiling Point: > 100 °C  
Melting Point: No data.  
Volatiles: About 38.5 % [water]  
Volatile Organic Compounds (VOC): None.  
Evaporation Rate: No data.  
Solubilities: Miscible with water in all proportions.  
Specific Gravity/Density: 1.3 g/mL  
Flash Point: None.  
Flammable Limits: None.  
Dust Explosion: Not applicable.  
Auto-ignition Temperature: No data.

### Other Information:

May react with strong oxidising agents, strong acids, caustic alkalis. Slippery when spilled.

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Incompatible materials.

**Incompatible Materials:** Oxidising agents, strong acids, caustic alkalis.

**Hazardous Decomposition Products:** Oxides of carbon.

**Hazardous Reactions:** None found.

## Section 11: Toxicological Information

### Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

<b>Acute:</b>	<b>Swallowed:</b>	Sweetish taste. Large doses may cause gastric upset with abdominal discomfort, pain or cramps, diarrhoea.
	<b>Skin:</b>	May cause mild irritation on prolonged contact.
	<b>Eyes:</b>	May be irritating to eyes.
	<b>Inhaled:</b>	An unlikely route owing to the low volatility of ingredients.
<b>Chronic:</b>		Prolonged or repeated skin contact may cause mild irritation.
<b>LD50:</b>	Other ingredient #1	15,900 mg/kg oral, rat. 17,800 mg/kg oral, mouse.
	Glycerol	12,600 mg/kg oral, rat.
<b>TDLo:</b>	Other ingredient #1	1,700 mg/kg oral, woman - gastrointestinal effects, diarrhoea.
	Glycerol	1,428 mg/kg oral, human - headache, nausea, vomiting.

## Section 12: Ecological Information

<b>Ecotoxicity:</b>	No data.
<b>Persistence and degradability:</b>	No data.
<b>Mobility:</b>	Soluble in water.
<b>Environmental Fate:</b>	No data.
<b>Bioaccumulative potential:</b>	No data.
<b>Other adverse environmental effects:</b>	None found.

## Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal.

Consult appropriate local and State regulations.

### Disposal methods and containers:

Avoid disposal to sewer.

### Special precautions for landfill or incineration:

None found.

## Section 14: Transport Information

**UN Number:** None assigned.

**UN Proper shipping name:** Aqueous solution.

**Class and subsidiary risk:** None.

**Packaging group:** None.

**Special precautions for user:** None.

**HAZCHEM Code:** None assigned.

**Material for export:** Not regulated.

## Section 15: Regulatory Information

**Poisons (SUSDP):** Not scheduled.

**Dangerous Goods:** No.

<b>Carcinogen:</b>	<b>Australia</b>	<b>IARC</b>	<b>NTP</b>	<b>RTECS</b>
	No.	No.	No.	No.

**Agricultural and Veterinary Chemicals Act:** No data.

**Australian Inventory of Chemical Substances (AICS):** Listed.

**Other National/International Regulations:** None found.

## Section 16: Other information

**Date of MSDS update:** September 2009  
Complete review and re-write of all sections.

### Abbreviations:

NOHSC - National Occupational Health and Safety Commission.  
ACGIH - American Conference of Governmental Industrial Hygienists.  
MAK - Maximum workplace concentration - Germany,  
(*maximale Arbeitsplatzkonzentration*)  
IARC - International Agency for Research on Cancer (France).  
NTP - National Toxicology Program (USA).  
RTECS - Registry of Toxic Effects of Chemical Substances.

### Literature references:

#### Available Sources of Data:

*National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [2011(2003)] - NOHSC.*  
*Australian Dangerous Goods Code.*  
*Standard for the Uniform Scheduling of Drugs and Poisons - AHMAC.*  
*Exposure Standards for Atmospheric Contaminants in the Occupational Environment [1003]- NOHSC.*  
*List of Designated Hazardous Substances [10005] - NOHSC.*  
*Merck Index - Merck Inc.*  
*Sax's Dangerous Properties of Industrial Materials - Lewis.*  
*Handbook of Toxic and Hazardous Chemicals and Carcinogens - Sittig.*  
*Handbook of Reactive Chemical Hazards - Bretherick.*  
*Hawley's Condensed Chemical Dictionary - Wiley Interscience.*  
*AUSREG's Chemical Data Package for PCs - AUSREG Consultancy.*