

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.08.2014

Revision: 28.08.2014

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** COW POWER UDDER CARE

**Recommended Use of the Chemical and Restriction on Use:** Emollient in udder treatment

**Details of Manufacturer or Importer:**

DASCO Pty Ltd  
 24 - 26 Helen Street  
 Heidelberg Heights VIC 3081

**Phone Number:** (03) 9459 7004

**Emergency telephone number:** 13 11 26 (Poisons Information Centre)

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:** The product is not classified as hazardous according to the Globally Harmonized System (GHS).

**Label Elements**

**Signal Word** Void

**Hazard Statements** Void

## 3 . COMPOSITION AND INFORMATION ON INGREDIENTS

**Description:** No reportable hazardous substances or complex substances.

**Hazardous Components:**

56-81-5	1,2,3-Propanetriol	<10%
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## 4 . FIRST AID MEASURES

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

**Ingestion:** If swallowed, do not induce vomiting. Seek medical attention if symptoms occur.

**Information for Doctor**

**Symptoms Caused by Exposure:**

Ingestion: May cause gastric upset with abdominal cramps, pain and diarrhoea.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Water fog or fine water spray.

**Specific Hazards Arising from the Chemical:**

No fire or explosion hazard exists.  
 Hazardous combustion products include oxides of carbon.

**Special Protective Equipment and Precautions for Fire Fighters:**

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

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## 6 . ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear Safe Work Australia approved protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

### Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

### Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

## 7 . HANDLING AND STORAGE

### Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

### Conditions for Safe Storage:

Store in original container in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from physical damage. Keep away from oxidising agents, strong acids and caustic alkalis.

## 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Standards:

**56-81-5 1,2,3-Propanetriol**

NES | TWA: 10 mg/m<sup>3</sup>

### Engineering Controls:

Ensure adequate ventilation of the workplace. If handling industrial quantities, or if vapour/aerosol risk exists, provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour as low as possible, at least below the occupational exposure limits.

### Personal Protective Equipment (PPE):

#### Respiratory Protection:

Use a Safe Work Australia approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

#### Skin Protection:

Rubber or plastic gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Impervious overalls, plastic apron, sleeves and boots should be worn when handling industrial quantities. See Australian/New Zealand Standard AS/NZS 4501 for more information.

#### Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids, such as face shield and safety glasses. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Slightly viscous liquid
<b>Colour:</b>	Clear, colourless
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	Neutral
<b>Melting point/Melting range:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	>100 °C
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	No information available
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	Not applicable
<b>Vapour Pressure at 20 °C:</b>	23 hPa (water)
<b>Density:</b>	No information available
<b>Relative Density:</b>	1.3 g/mL
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Miscible in all proportions
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>% Volatiles by Volume:</b>	About 38.5 % (water)
<b>VOC:</b>	None

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** No known hazardous reactions.**Chemical Stability:** Stable under normal conditions.**Conditions to Avoid:** No information available**Incompatible Materials:** Oxidising agents, strong acids and caustic alkalis.**Hazardous Decomposition Products:** Oxides of carbon.

## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****56-81-5 1,2,3-Propanetriol**

Oral	LD <sub>50</sub>	12600 mg/kg (rat)
	TDL <sub>0</sub>	1428 mg/kg (human)

**Acute Health Effects****Inhalation:** No adverse health effects expected.**Skin:** No adverse health effects expected.**Eye:** May be irritating to eyes.**Ingestion:** May cause gastric upset with abdominal cramps, pain and diarrhoea.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

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**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** Repeated or prolonged skin contact may cause mild irritation.**Existing Conditions Aggravated by Exposure:** No information available**12 . ECOLOGICAL INFORMATION****Ecotoxicity:** No information available**Aquatic toxicity:** No information available**Persistence and Degradability:** No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available**13 . DISPOSAL CONSIDERATIONS****Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

**14 . TRANSPORT INFORMATION****UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**15 . REGULATORY INFORMATION****Australian Inventory of Chemical Substances:**

56-81-5 1,2,3-Propanetriol

7732-18-5 Water

**16 . OTHER INFORMATION****Creation Date:** 28.08.2014**Last Revision of MSDS:** 01.09.2009**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)

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**Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

**Disclaimer**

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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