

# Safety Data Sheet

according to WHS Regulations

Printing date 08.03.2019

Revision: 08.03.2019

## 1 Identification

**Product Name: ALKA RINSE - LOW FOAM****Other Means of Identification:****Other Name:** Surfactant solution.**Recommended Use of the Chemical and Restriction on Use:** Milking machine rinse additive.**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 Hazard(s) Identification

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None**Hazard Statements** None**Precautionary Statements** None

## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** No reportable hazardous substances or complex substances.**Hazardous Components:** None

## 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, remove contaminated clothing and wash affected areas thoroughly. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, hold eyelids apart and flush eye with running water for at least 15 minutes. Seek medical attention.

**Ingestion:** If swallowed, do not induce vomiting. Seek medical attention if symptoms occur.**Symptoms Caused by Exposure:****Inhalation:** Inhalation is an unlikely route of exposure due to the low volatility of ingredients.**Skin Contact:** May cause mild irritation. Will have a degreasing effect on skin which may cause further irritation.**Eye Contact:** May cause mild irritation.**Ingestion:** Likely to cause gastric upset with nausea, discomfort or pain, possible vomiting and diarrhoea.

Aspiration risk exists. Aspiration of froth into lungs during swallowing or vomiting may cause chemical pneumonitis (irritation of lung tissues) and possible pulmonary oedema (build up of fluid in the lungs). Onset of symptoms may be delayed.

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### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and phosphorous and water vapour.

No fire or explosion hazard exists.

Containers close to fire should be removed only if safe to do so.

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

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

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

Wear approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Product is slippery when spilt.

**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 mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb spill with inert absorbent material and transfer to 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 a cool, dry and well ventilated area. Keep container tightly closed when not in use. Keep away from oxidising agents, strong acids and bases.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Use an 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.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the

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frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). 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. See Australian/New Zealand Standard AS/NZS 1337.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Mobile, slightly frothing liquid
<b>Colour:</b>	Clear, blue
<b>Odour:</b>	Almost odourless.
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	9 - 10
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	>100 °C
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure at 20 °C:</b>	~23 hPa
<b>Density:</b>	No information available
<b>Relative Density at 20 °C:</b>	1
<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>	~88 % (as 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 bases.

**Hazardous Decomposition Products:** Oxides of carbon and oxides of phosphorous.

### 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****Surfactant**

Oral	LD <sub>50</sub>	2500 mg/kg (rat)
Dermal	LD <sub>50</sub>	4600 mg/kg (rabbit)

**Acute Health Effects**

**Inhalation:** Inhalation is an unlikely route of exposure due to the low volatility of ingredients.

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**Skin:** May cause mild irritation. Will have a degreasing effect on skin which may cause further irritation.**Eye:** May cause mild irritation.**Ingestion:**

Likely to cause gastric upset with nausea, discomfort or pain, possible vomiting and diarrhoea. Aspiration risk exists. Aspiration of froth into lungs during swallowing or vomiting may cause chemical pneumonitis (irritation of lung tissues) and possible pulmonary oedema (build up of fluid in the lungs). Onset of symptoms may be delayed.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**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 irritation and dermatitic effects.**Existing Conditions Aggravated by Exposure:** Pre-existing skin disorders.**Additional toxicological information:** No information available

### 12 Ecological Information

**Ecotoxicity:**

May be harmful to aquatic organisms. Contains a small amount of phosphates, may contribute to algal bloom.

**Aquatic toxicity:** No further relevant information available.**Persistence and Degradability:**

The surfactants used in the product are not considered to be readily biodegradable.

**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

### 13 Disposal Considerations

**Disposal Methods and Containers:**

Avoid disposal to natural waters or the environment. 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. Unsuitable for incineration.

### 14 Transport Information

**UN Number** Not regulated**Proper Shipping Name** Not regulated

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**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

## 15 Regulatory Information

**Australian Inventory of Chemical Substances:** This product contains no hazardous ingredients.**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Not Scheduled.

## 16 Other Information

**Date of Preparation or Last Revision:** 08.03.2019**Last Revision of MSDS:** 01.09.2009**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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 SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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