

Safety Data Sheet

according to WHS Regulations

Printing date 08.03.2019

Revision: 08.03.2019

1 Identification

Product Name: ALKA RINSE - MEDIUM FOAM

Other Means of Identification:

Other Name: Aqueous surfactant solution.

Recommended Use of the Chemical and Restriction on Use: As a rinse water additive for dairies.

Details of Manufacturer or Importer:

Dasco Pty Ltd
 24-26 Helen Street,
 Heidelberg Heights VIC 3081

Phone Number: 03 9459 7004

Emergency telephone number: National Poison Information Centre: 13 11 26

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)

Aquatic Acute 3 H402 Harmful to aquatic life.

Signal Word None

Hazard Statements

H402 Harmful to aquatic life.

Precautionary Statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 84133-50-6	Alcohols, C12-C14-secondary, ethoxylated	<10%
	⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Inhalation) 4, H332; Skin Corrosion/Irritation 2, H315; Aquatic Acute 2, H401	

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 problems develop.

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.

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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.

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.

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.

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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 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:

Form:	Mobile, frothing liquid
Colour:	Clear, almost colourless
Odour:	Mild detergent odour
Odour Threshold:	No information available
pH-Value:	~7
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	~100 °C
Flash Point:	Not applicable
Flammability:	Product is not flammable.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure at 20 °C:	~23 hPa
Density:	No information available
Relative Density at 20 °C:	~1
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Miscible in all proportions
Partition Coefficient (n-octanol/water):	No information available
% Volatiles by Volume:	90 % (as water)
VOC:	None

10 Stability and Reactivity

Possibility of Hazardous Reactions: No known hazardous reactions.

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: Oxidising agents, strong acids and bases.

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

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11 Toxicological Information

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****CAS: 84133-50-6 Alcohols, C12-C14-secondary, ethoxylated**Oral LD₅₀ 2,100 mg/kg (rat)**Acute Health Effects****Inhalation:** Inhalation is an unlikely route of exposure due to the non-volatility of ingredients.**Skin:** May cause mild skin irritation.**Eye:** May cause mild eye irritation.**Ingestion:**

Likely to cause gastric upset with nausea, discomfort or pain, 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. Repeated splashes into eyes may cause permanent damage.

Existing Conditions Aggravated by Exposure: Pre-existing skin disorders.**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:

Contains a small amount of phosphates which may contribute to algal bloom if spillages enter natural waters.

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

CAS: 84133-50-6 Alcohols, C12-C14-secondary, ethoxylatedEC₅₀/48 h 3.2 mg/l (daphnia)LC₅₀/96 h 3.2 mg/l (fathead minnow)**Persistence and Degradability:**

The surfactant used in the product is not considered to be readily biodegradable.

Bioaccumulative Potential: No further relevant information available.

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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:

Unsuitable for 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:

CAS: 84133-50-6 Alcohols, C12-C14-secondary, ethoxylated

CAS: 7732-18-5 Water

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 Ltdwww.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

LC₅₀: Lethal concentration, 50 percentLD₅₀: 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)

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2

Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

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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suitability of the information provided to the particular circumstances in which the product is used.