

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 08.08.2014

Revision: 01.08.2014

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: ALKA RINSE - MEDIUM FOAM

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: 13 11 26 (Poisons Information Centre)

2 . HAZARDS IDENTIFICATION

Hazardous Nature:



Eye Irrit. 2A H319 Causes serious eye irritation.

Label Elements

Signal Word Warning

Hazard Statements

H319 Causes serious eye irritation.

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	<10%
	⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302; STOT SE 3, H335	

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.

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Information for Doctor

Product is an aqueous solution containing surfactant. Irritating to eyes. An aspiration risk if swallowed. Contact Poisons Information Centre.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water.

Specific Hazards Arising from the Chemical:

No fire or explosion hazard exists. Combustion products include water vapour, oxides of carbon and oxides of phosphorous.

Special Protective Equipment and Precautions for Fire Fighters:

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

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear Safe Work Australia 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. Slippery when spilled.

For small spills: If local regulations permit, 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 and arrange removal by a disposals company.

For large spills: absorb spill with sand, earth or other absorbent material. Transfer both solids and liquids to a suitable container for disposal. Treat residues as for small spillages.

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, out of reach of children. Keep container tightly closed when not in use. Keep away from oxidising agents, caustic alkalis and strong acids. Large quantities should be stored in a bonded area.

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.

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

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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.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Mobile, foaming liquid
Colour:	Clear, almost colourless
Odour:	Mild detergent odour
Odour Threshold:	No information available
pH-Value:	About neutral
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	From about 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:	About 23 hPa
Density:	No information available
Relative Density at 20 °C:	About 1 g/mL
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 information available

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

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

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11 . TOXICOLOGICAL INFORMATION

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****9016-45-9 Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-**

Oral	LD ₅₀	3000 mg/kg (mouse)
Dermal	LD ₅₀	3000 mg/kg (mouse)

Acute Health Effects**Inhalation:** Inhalation is an unlikely route of exposure due to the non-volatility of ingredients.**Skin:** May cause mild irritation. Will have a degreasing effect on skin which may cause further irritation.**Eye:**

Irritating to eyes. Irritation may be severe on prolonged contact and may lead to corneal burns and permanent injury.

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:** Causes serious eye irritation.**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 irritation and possible corneal burns.

Existing Conditions Aggravated by Exposure: Pre-existing skin disorders.

12 . ECOLOGICAL INFORMATION

Ecotoxicity:

May be harmful to aquatic organisms. Contains a small amount of phosphates, may contribute to algal bloom if spillages enter natural waters.

Aquatic toxicity: No information available**Persistence and Degradability:**

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

Bioaccumulative Potential: No information available**Mobility in Soil:** No information available

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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:

9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-
7732-18-5	Water

16 . OTHER INFORMATION

Creation Date: 01.08.2014

Last Revision of MSDS: 01.09.2009

Prepared by: MSDS.COM.AU Pty Ltd

www.msds.com.au

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

LC₅₀: Lethal concentration, 50 percent

LD₅₀: 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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