

Infosafe No™	3CH8A	Issue Date : June 2016	RE-ISSUED by ACR
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Product Name : **ANTIFOAM 2010 10% Silicone Emulsion**

Not classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	ANTIFOAM 2010 10% Silicone Emulsion		
<b>Company Name</b>	AUSTRALIAN CHEMICAL REAGENTS (ACR) (ABN 19 008 264 211)		
<b>Address</b>	38 - 50 Bedford Street Gillman S.A. 5013 Australia		
<b>Telephone/Fax Number</b>	Tel: (08) 8440 2000 Fax: (08) 8440 2001		
<b>Recommended use of the chemical and restrictions on use</b>	A high performance silicone-based food contact grade of antifoam for food processing and industrial use.		
<b>Other Names</b>	<u><b>Name</b></u>	<u><b>Product Code</b></u>	
	ANTIFOAM 2010 10% Silicone Emulsion	2346	
<b>Additional Information</b>	ANTIFOAM 2010 10% Silicone Emulsion simply added to the solution that needs to be defoamed. ANTIFOAM 2010 10% Silicone Emulsion is stable for at least 6 months when undiluted. It can be diluted with water, but may not be stable for long periods in this form.		
<b>Other Information</b>	EMERGENCY CONTACT NUMBER: +61 08 8440 2000 Business hours: 8:30am to 5:00pm. Monday to Friday.		

Australian Chemical Reagents (ACR) does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Australian Chemical Reagents (ACR) with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Australian Chemical Reagents (ACR) is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	Not classified as hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004) 3rd Edition, Safe Work Australia. Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).
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## 3. Composition/information on ingredients

<b>Composition, information on ingredients</b>	A mixture of water, nonionic surfactants, silica, thickeners, biocides and silicone fluid. All food grade materials.
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## 4. First-aid measures

<b>Inhalation</b>	Remove to fresh air. If rapid recovery does not occur, obtain medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.
<b>Skin</b>	Remove contaminated clothing and wash affected skin with soap and water.
<b>Eye contact</b>	Wash with large amounts of water for approximately 15 minutes, holding eyelids open. Seek medical attention if irritation develops or persist.
<b>First Aid Facilities</b>	Maintain eyewash fountain and safety shower in work area.
<b>Advice to Doctor</b>	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
<b>Other Information</b>	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

## 5. Fire-fighting measures

<b>Hazards from Combustion Products</b>	May liberate toxic fumes in fire including carbon monoxide and formaldehyde.
<b>Specific Methods</b>	Use extinguishing media most appropriate for the surround fire. Small fire: Use dry chemical, carbon dioxide, water spray or foam.

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<b>Specific hazards arising from the chemical</b>	Large fire: Use water spray, fog or foam. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until after the fire is out. May burn but do not ignite readily. Containers may explode when heated. Runoff may pollute waterways. Fire may produce irritating, poisonous and/or corrosive gasses.
<b>Precautions in connection with Fire</b>	Wear SCBA and structural firefighter's uniform.

## 6. Accidental release measures

<b>Personal Precautions</b>	Will be slippery under foot.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8).
<b>Clean-up Methods - Small Spillages</b>	Pump into separate containers. Avoid washing into drains.
<b>Other Information</b>	Follow all regulatory requirements for non-hazardous waste disposal.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Keep out of reach of children. Keep away from direct sunlight and other sources of heat or ignition. Keep container tightly closed and in a well-ventilated place.
<b>Storage Temperatures</b>	Store below 40 °C.

## 8. Exposure controls/personal protection

<b>Other Exposure Information</b>	A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Safe Work Australia for this product. There is a blanket limit of 10 mg/m <sup>3</sup> for dusts when limits have not otherwise been established.
<b>Appropriate engineering controls</b>	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
<b>Respiratory Protection</b>	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists. Select and use respirators in accordance with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist filters. Filter capacity and respirator type depends on exposure levels.
<b>Eye Protection</b>	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
<b>Hand Protection</b>	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
<b>Personal Protective Equipment</b>	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
<b>Body Protection</b>	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
<b>Hygiene Measures</b>	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. Physical and chemical properties

<b>Appearance</b>	Off-white cream, free flowing liquid.
<b>Odour</b>	Slight organic odour.
<b>Boiling Point</b>	~ 100 °C
<b>Solubility in Water</b>	Miscible (once diluted, separation may take place).
<b>Solubility in Organic Solvents</b>	Low
<b>Specific Gravity</b>	1.0
<b>pH</b>	Neutral.
<b>Vapour Density (Air=1)</b>	Low

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**Volatile Component** Approx. 85% (by weight).

**Flammability** Non flammable.

## 10. Stability and reactivity

**Chemical Stability** Undiluted stable for a least six months.  
Exposure to sunlight may cause containers to deteriorate over time.

**Incompatible Materials** Unknown.

**Hazardous Polymerization** Will not occur.

## 11. Toxicological Information

**Ingestion** May cause gastrointestinal irritation such as gastric distress.

**Inhalation** Not known to be toxic by inhalation.

**Skin** May cause skin irritations.

**Eye** May cause eye irritation.

**Carcinogenicity** No evidence of carcinogenic properties.

**Mutagenicity** No evidence of mutagenic properties.

## 12. Ecological information

**Ecological Information** No ecology data available for this product.

## 13. Disposal considerations

**Disposal Considerations** Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.

## 14. Transport information

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. Regulatory information

## 16. Other Information

**Literature References** 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.  
Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.  
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.  
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.  
Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.  
Safe Work Australia, 'Hazardous Substances Information System, 2005'.  
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.

**Contact Person/Point** Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.  
Paul McCarthy Ph. (08) 8440 2000 **DISCLAIMER STATEMENT:**  
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