



New Zealand Safety Data Sheet Coverpage

This page provides additional New Zealand specific information for this product, and must be read in conjunction with the Safety Data Sheet (SDS) attached.

Product identifier

Product name : 8340404 Deep Red AD
Product code : BP440142

Details of manufacturer or importer or Supplier

Supplier
Chemiplas Australia
Suite 14255, Level G
26 Hobson St, Auckland Central
Auckland, 1010
New Zealand
Phone: +64 (9) 361 4060
e-mail: enquiries@chemiplas.com.au

Emergency phone number

Emergency number **CareChem 24x7 : ASIA : +65 3158 1074 (Incl. Australia & New Zealand) | EUROPE: +44 1235 239670 |
USA: +1 202 464 2554 | CANADA: +1 800 579 7421 (Toll Free) | MOROCCO : +44 1235 239671 | REST OF
THE WORLD : +44 1865 407333 (English only)**

Safety, health and environmental regulations

NZIoC (New Zealand Inventory of Chemicals):

All hazardous components are listed on the New Zealand Inventory of Chemicals

Hazardous Substances and New Organisms Act

HSNO Approval Number: HSR002670

Group standard: Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020
Classification as per Section 2

Certified handler information Certified Handler is not required for the Product.

ADR Classification: Not classified as Dangerous Goods According to ADR

UN Number: N/A

Hazchem Code: N/A

Class: N/A

Packaging group: N/A

Marine Pollutant: No

Proper Shipping Name: N/A

Special transport precautions: Product does not require tracking.

SAFETY DATA SHEET

8340404 DEEP RED AD

Version number: 05

Specification: 000000146867

Revision date: 09-March-2026



Section 1 - Identification

Product identifier 8340404 DEEP RED AD

Other means of identification

SAP Specification 000000146867

Recommended use of the chemical and restrictions on use

Recommended use Colorant

Restrictions on use Not available.

Details of manufacturer or importer

Company Vibrantz Technologies Australia Pty Ltd
30, Commercial Drive
Dandenong, Vic. 3175
Australia.

General Enquires

Telephone +61 3 9703-8888
Email ehs_apac@vibrantz.com
Website www.vibrantz.com

24 Hour Emergency (3E)

Australia +61 1800 686 951
New Zealand +64 800 451 719
China +86 4001 2001 74
Thailand +66 21056177
Asia Pacific +1-760-476-3690

3E CONTRACT # 12154

3E ACCESS CODE 334294

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

Physical hazards Not classified.
Health hazards Sensitization, skin

Category 1

Label elements, including precautionary statements

Hazard symbol(s)



Exclamation
mark

Signal word Warning

Hazard statement(s) May cause an allergic skin reaction.

Precautionary statement(s)

Prevention Avoid breathing mist/vapours. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Response IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage	Store away from incompatible materials.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental information	None.
Other hazards which do not result in classification	None known.

Section 3 - Composition and information on ingredients

Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Kaolin	1332-58-7	1 - < 3
Acrylic acid	Mixture	< 1
monoethanolamine	141-43-5	< 1
2-Methyl-2H-isothiazol-3-one	2682-20-4	< 0.1
Other components below reportable levels		90 - 100

Section 4 - First aid measures

Description of necessary first aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
Symptoms caused by exposure	May cause an allergic skin reaction. Dermatitis. Rash.
Medical attention and special treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Section 5 - Firefighting measures

Extinguishing media

Suitable extinguishing equipment	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing equipment	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Hazchem code	None.
Hazchem code	None.
Hazchem code	None.
Hazchem code	None.
General fire hazards	No unusual fire or explosion hazards noted.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
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For emergency responders Keep unnecessary personnel away. Ensure adequate ventilation. Avoid breathing mist/vapours. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Section 7 - Handling and storage

Precautions for safe handling Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 - Exposure controls and personal protection

Control parameters Follow standard monitoring procedures.

Occupational exposure limits

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value	Form
Acrylic acid	TWA	5.9 mg/m3	Inhalable dust.
		2 ppm	
Kaolin (CAS 1332-58-7)	TWA	10 mg/m3	
		15 mg/m3	
monoethanolamine (CAS 141-43-5)	STEL	6 ppm	
		7.5 mg/m3	
		3 ppm	

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
Acrylic acid	TWA	2 ppm	Respirable fraction.
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	
monoethanolamine (CAS 141-43-5)	STEL	6 ppm	
	TWA	3 ppm	

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

Components	Type	Value	Form
Acrylic acid	STEL	59 mg/m3	Respirable dust.
		20 ppm	
	TWA	29 mg/m3	
		10 ppm	
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	
	STEL	7.6 mg/m3	
monoethanolamine (CAS 141-43-5)	TWA	3 ppm	
		2.5 mg/m3	
		1 ppm	

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated

Components	Type	Value	Form
2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)	TWA	0.2 mg/m ³	Inhalable fraction.
Acrylic acid	TWA	30 mg/m ³ 10 ppm	
Kaolin (CAS 1332-58-7)	TWA	4 mg/m ³	Inhalable dust.
monoethanolamine (CAS 141-43-5)	TWA	0.51 mg/m ³ 0.2 ppm	Vapour and aerosol. Vapour and aerosol.

Biological limit values	No biological exposure limits noted for the ingredient(s).
Control banding	Not available.
Engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures, such as personal protective equipment (PPE)	
Eye/face protection	Wear safety glasses with side shields (or goggles). Face shield is recommended.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Individual protection measures, for example personal protective equipment (PPE)	
Individual protection measures, such as personal protective equipment (PPE)	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

Section 9 - Physical and chemical properties

Physical state	Liquid.
Form	Liquid.
Colour	Red
Odour	slight
Odour threshold	Not available.
pH	> 8 - < 10 estimated
Melting point/freezing point	Not available, we do not measure this characteristic as part of our quality control.
Boiling point and boiling range	>100 °C (>212 °F) estimated
Flash point	>100.00 °C (>212.00 °F) estimated
Evaporation rate	Not available.
Upper/lower explosive limits	
Explosion limit - lower (%)	Not available.
Explosion limit - upper (%)	Not available.
Vapour pressure	Not available, we do not measure this characteristic as part of our quality control.
Vapour density	Not available, we do not measure this characteristic as part of our quality control.
Relative density	Not available.
Solubility	
Solubility (water)	Not available, we do not measure this characteristic as part of our quality control.

Flammability (solid, gas)	Not applicable.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available, we do not measure this characteristic as part of our quality control.
Viscosity	Not available.
Particle characteristics	Not available, we do not measure this characteristic as part of our quality control.
Data relevant with regard to physical hazard classes	No relevant additional information available.
Other physical and chemical parameters	
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Specific gravity	> 1 - < 1.3 estimated

Section 10 - Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	No hazardous decomposition products are known.

Section 11 - Toxicological information

Information on possible routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Early onset symptoms related to exposure	May cause an allergic skin reaction. Dermatitis. Rash.
Delayed health effects from exposure	Not available.

Acute toxicity

Product	Species	Test Results
8340404 DEEP RED AD		
<u>Acute</u>		
Dermal		
LD50	Rat	281547 mg/kg
Inhalation		
LC50	Rat	1562500 mg/l, 4 Hours
Oral		
LD50	Rat	37756 mg/kg

Components

Components	Species	Test Results
Kaolin (CAS 1332-58-7)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 5000 mg/kg

Components	Species	Test Results
Oral LD50	Rat	> 5000 mg/kg
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Serious eye damage/irritation	Direct contact with eyes may cause temporary irritation.	
Respiratory or skin sensitisation		
Respiratory sensitisation	Not a respiratory sensitiser.	
Skin sensitisation	May cause an allergic skin reaction.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	Not classifiable as to carcinogenicity to humans.	
ACGIH Carcinogens		
Kaolin (CAS 1332-58-7)	A4 Not classifiable as a human carcinogen.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not an aspiration hazard.	
Chronic effects	Prolonged inhalation may be harmful.	

Section 12 - Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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Components	Species	Test Results
monoethanolamine (CAS 141-43-5)		
Aquatic		
<i>Acute</i>		
Fish	LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss)	114 - 196 mg/l, 96 hours
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.	
Bioaccumulative potential		
Partition coefficient n-octanol / water (log Kow)		
Acrylic acid	0.35	
monoethanolamine	-1.31	
Mobility in soil	No data available for this product.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

Section 13 - Disposal considerations

Disposal methods	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 - Transport information

ADG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

Section 15 - Regulatory information

Safety, health and environmental regulations

National regulations This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

Australia Medicines & Poisons Appendix B

Kaolin (CAS 1332-58-7)

Australia Medicines & Poisons Appendix E

monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Appendix F

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)
monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Schedule 4

monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Schedule 5

monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Schedule 6

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)
monoethanolamine (CAS 141-43-5)

High Volume Industrial Chemicals (HVIC)

monoethanolamine (CAS 141-43-5)

1000 - 9999 TONNES See the regulation for additional information.

Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10, as amended)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Kaolin (CAS 1332-58-7)

2000 tonnes/yr Threshold Category: 2B
400 tonnes/yr Threshold Category: 2A

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Any other relevant information

Issue date 07-October-2015

Revision date 09-March-2026

Key abbreviations or acronyms used AICIS: Australian Inventory of Industrial Chemicals.

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Revision information This document has undergone significant changes and should be reviewed in its entirety.