



New Zealand Safety Data Sheet Coverage

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 : 8347214 Blue AD
Product code : 400959

Details of manufacturer or importer or Supplier

Supplier

Chemiplas
Suite 14255
17B Farnham Street
Parnell
Auckland 1052
New Zealand
T +64 (9) 361 4060
sds@azelis.com

Emergency phone number

Emergency number **Free-phone (24 x 7) : +65 3158 1074**

Safety, health and environmental regulations

NZIoC (New Zealand Inventory of Chemicals):

The product is non-hazardous.

Hazardous Substances and New Organisms Act

HSNO Approval Number: Not Applicable

Group standard: Not Applicable

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

Special transport precautions: Product does not require tracking.

SAFETY DATA SHEET

8347214 BLUE AD

Version number: 06

Specification: 000000146882

Revision date: 01-July-2025



Section 1 - Identification

Product identifier 8347214 BLUE AD

Other means of identification

SAP Specification 000000146882

Recommended use of the chemical and restrictions on use

Recommended use Colorant
Colorants for tinting of paints / coatings.

Restrictions on use Not available.

Details of manufacturer or importer

Manufacturer Chromaflo Technologies Australia Pty Ltd
30, Commercial Drive
Dandenong, Vic. 3175
Australia.

Vibrantz Technologies (M) Sdn Bhd
Lot 622 Lebuhr Raja Lumu,
Pandamaran Industrial Estate,
42000 Port Klang,
Selangor Darul Ehsan, Malaysia.

General Enquires

Australia +61 3 9703-8888
Malaysia +60 3 3311 2018
Email ehs_apac@vibrantz.com
Website www.vibrantz.com

24 Hour Emergency (3E)

Australia +61 1800 686 951
New Zealand +64 800 451719
China +86 4001 2001 74
Thailand +66 21056177
Asia Pacific +1 760 476 3960

3E CONTRACT # 12154

3E ACCESS CODE 334294

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

Physical hazards Not classified.
Health hazards Not classified.

Label elements, including precautionary statements

Hazard symbol(s) None.
Signal word None.
Hazard statement(s) The mixture does not meet the criteria for classification.
Precautionary statement(s)
Prevention Observe good industrial hygiene practices.

Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
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
C.I. Pigment Blue 15	147-14-8	30 - < 40
Acrylic acid	79-10-7	< 1
monoethanolamine	141-43-5	< 1
Other components below reportable levels		60 - < 70

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	Wash off with soap and water. Get medical attention if irritation develops and persists.
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.
Symptoms caused by exposure	Direct contact with eyes may cause temporary irritation.
Medical attention and special treatment	Treat symptomatically.

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	Wear appropriate personal protective equipment.
For emergency responders	Keep unnecessary personnel away. 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 prolonged exposure. 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
Acrylic acid (CAS 79-10-7)	TWA	5.9 mg/m ³
		2 ppm
monoethanolamine (CAS 141-43-5)	STEL	15 mg/m ³
		6 ppm
	TWA	7.5 mg/m ³
		3 ppm

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
Acrylic acid (CAS 79-10-7)	TWA	2 ppm	
C.I. Pigment Blue 15 (CAS 147-14-8)	TWA	1 mg/m ³	Dust and mist.
		0.2 mg/m ³	Fume.
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
Acrylic acid (CAS 79-10-7)	STEL	59 mg/m ³
		20 ppm
	TWA	29 mg/m ³
monoethanolamine (CAS 141-43-5)	STEL	10 ppm
		7.6 mg/m ³
	TWA	3 ppm
		2.5 mg/m ³
		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
Acrylic acid (CAS 79-10-7)	TWA	30 mg/m ³	
		10 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
monoethanolamine (CAS 141-43-5)	TWA	0.51 mg/m3	Vapour and aerosol.
		0.2 ppm	Vapour and aerosol.

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines

US ACGIH Threshold Limit Values: Skin designation

Acrylic acid (CAS 79-10-7) Danger of cutaneous absorption

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).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear suitable protective clothing.

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.

Section 9 - Physical and chemical properties

Physical state	Liquid.
Form	Liquid.
Colour	Blue
Odour	slight
Odour threshold	Not available.
pH	> 8.5 - < 9.5 estimated
Melting point/freezing point	Not available.
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.
Vapour density	Not available.
Relative density	Not available.
Solubility	
Solubility (water)	Not available.
Flammability (solid, gas)	Not applicable.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

Viscosity	Not available.
Particle characteristics	Not available.
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	Prolonged skin contact may cause temporary irritation.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Early onset symptoms related to exposure Direct contact with eyes may cause temporary irritation.

Delayed health effects from exposure Not available.

Acute toxicity

Product	Species	Test Results
8347214 BLUE AD		
<u>Acute</u>		
Dermal		
LD50	Rabbit	3522337 mg/kg
Inhalation		
LC50	Rat	1648352 mg/l, 4 Hours
Oral		
LD50	Rat	46016 mg/kg

Components	Species	Test Results
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Acrylic acid (CAS 79-10-7)

Acute

Oral

LD50	Rat	33.5 mg/kg
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monoethanolamine (CAS 141-43-5)

Acute

Oral

LD50	Rat	2050 mg/kg
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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 This product is not expected to cause skin sensitisation.

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

Acrylic acid (CAS 79-10-7) A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Acrylic acid (CAS 79-10-7) 3 Not classifiable as to carcinogenicity to humans.

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.

Other information This product has no known adverse effect on human health.

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.

Components	Species		Test Results
monoethanolamine (CAS 141-43-5)			
Aquatic			
Acute			
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
C.I. Pigment Blue 15	6.6
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.

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 A

C.I. Pigment Blue 15 (CAS 147-14-8)

Australia Medicines & Poisons Appendix E

monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Appendix F

monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Schedule 4

C.I. Pigment Blue 15 (CAS 147-14-8)

monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Schedule 5

C.I. Pigment Blue 15 (CAS 147-14-8)

monoethanolamine (CAS 141-43-5)

Australia Medicines & Poisons Schedule 6

C.I. Pigment Blue 15 (CAS 147-14-8)

monoethanolamine (CAS 141-43-5)

Australia National Pollutant Inventory (NPI): Threshold quantity

Acrylic acid (CAS 79-10-7)

10 tonnes/yr Threshold Category: 1

C.I. Pigment Blue 15 (CAS 147-14-8)

10 tonnes/yr Threshold Category: 1

High Volume Industrial Chemicals (HVIC)

Acrylic acid (CAS 79-10-7)

1000 - 9999 TONNES See the regulation for additional information.

C.I. Pigment Blue 15 (CAS 147-14-8)

1000 - 9999 TONNES See the regulation for additional information.

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

C.I. Pigment Blue 15 (CAS 147-14-8)

2000 tonnes/yr Threshold Category: 2B

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
Japan	Inventory of Existing and New Chemical Substances (ENCS)	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

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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.