



## Safety Data Sheet

AQUENCE GA 1251C known as :  
Adhesin 1251C 21KG

SKU: 125 | Bookmate Adhesive Glue 250ml

SKU: 124 | Bookmate Adhesive Glue 500ml

SKU: 123 | Bookmate Adhesive Glue 1 litre

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SDS No. : 429260

V001.3

Date of issue: 05.10.2016

### Section 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** AQUENCE GA 1251C known as Adhesin 1251C 21KG

**Intended use:** Water based adhesive

**Supplier:**

Henkel Australia Pty Ltd  
135-141 Canterbury Road  
Kilsyth, Victoria, 3137  
Australia

Phone: +61 (3) 9724 6444

**Emergency information:** 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

### Section 2. Hazards identification

**Classification of the substance or mixture**

Hazardous according to the criteria of Safe Work Australia.

**GHS Classification:**

**Hazard Class**

Skin sensitizer

**Hazard Category**

Category 1

**Hazard pictogram:**



**Signal word:**

Warning

**Hazard statement(s):**

H317 May cause an allergic skin reaction.

**Precautionary Statement(s):**

**Prevention:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves.

**Response:**

P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.

**Disposal:**

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Classification of material Xi - Irritant

**Risk phrases:**

R43 May cause sensitisation by skin contact.

**Safety phrases:**

S24/25 Avoid contact with skin and eyes.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37 Wear suitable protective clothing and gloves.  
S46 If swallowed, seek medical advice immediately and show this container or label.

**Dangerous Goods information:**

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Signal word:**

HAZARDOUS

**Section 3. Composition / information on ingredients**

**General chemical description:** Mixture

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Dodecane-1-thiol	112-55-0	< 1 %
Carbendazim	10605-21-7	< 0.06 %
non hazardous ingredients~		60- 100 %

**Section 4. First aid measures**

**Ingestion:** Rinse out mouth. Do not drink.  
In case of adverse health effects seek medical advice.

**Skin:** Rinse with running water and soap.  
If symptoms develop and persist, get medical attention.

**Eyes:** Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**First Aid facilities:** Eye wash  
Normal washroom facilities

**Medical attention and special treatment:** Treat symptomatically.

**Section 5. Fire fighting measures**

**Suitable extinguishing media:** Extinguish using agent suitable for type of surrounding fire.

**Decomposition products in case of fire::** carbon oxides.  
Irritating organic vapours.

**Special protective equipment for fire-fighters:** Wear protective equipment.  
Wear self-contained breathing apparatus.

### Section 6. Accidental release measures

<b>Personal precautions:</b>	See advice in section 8 Danger of slipping on spilled product.
<b>Environmental precautions:</b>	Do not empty into drains / surface water / ground water.
<b>Clean-up methods:</b>	For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

### Section 7. Handling and storage

<b>Precautions for safe handling:</b>	See advice in section 8 Wear suitable protective clothing, gloves and eye/face protection.
<b>Conditions for safe storage:</b>	Store in a cool, well-ventilated place. Keep container tightly sealed and store in a frost free place. Storage temperature between 5 and 35°C. Protect from freezing.

### Section 8. Exposure controls / personal protection

**National exposure standards:**

None

<b>Engineering controls:</b>	Ensure adequate ventilation.
<b>Eye protection:</b>	Safety glasses.
<b>Skin protection:</b>	Use of protective coveralls and long sleeves is recommended. Protective gloves made of rubber.  Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
<b>Respiratory protection:</b>	If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

### Section 9. Physical and chemical properties

<b>Appearance:</b>	white emulsion
<b>Odor:</b>	mild
<b>pH:</b>	5.5
<b>Specific gravity:</b>	1.06
<b>Boiling point:</b>	100 °C (212 °F)
<b>Flash point:</b>	Not applicable
<b>Solubility in water:</b>	Miscible
<b>Viscosity (dynamic):</b>	4,500 mPa.s (; 23 °C (73.4 °F); Method: no method)

**Section 10. Stability and reactivity**

<b>Stability:</b>	Stable under normal conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Excessive heat. Freezing conditions.
<b>Incompatible materials:</b>	None known
<b>Hazardous decomposition products:</b>	Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.

**Section 11. Toxicological information**

<b>Health Effects:</b>	
<b>Ingestion:</b>	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
<b>Skin:</b>	Prolonged or repeated contact may cause irritation. May cause skin sensitization.
<b>Eyes:</b>	May cause mild irritation
<b>Inhalation:</b>	Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Dodecane-1-thiol 112-55-0	LD50 LD50	> 5,000 mg/kg > 2,000 mg/kg	oral		rat rat	not specified OECD Guideline 402 (Acute Dermal Toxicity)
Carbendazim 10605-21-7	LD50 LD50	6,400 mg/kg > 2,000 mg/kg	dermal oral dermal		rat rabbit	not specified not specified

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Dodecane-1-thiol 112-55-0	Category 1C (corrosive)	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Dodecane-1-thiol 112-55-0	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Dodecane-1-thiol 112-55-0	negative negative	bacterial reverse mutation assay (e.g Ames test) mammalian cell gene mutation assay	with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Dodecane-1-thiol 112-55-0	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

**Section 12. Ecological information****General ecological information:** Do not empty into drains / surface water / ground water.**Ecotoxicity:** Harmful to aquatic life.**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Carbendazim 10605-21-7	LC50	> 10 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Carbendazim 10605-21-7	EC50	0.16 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Carbendazim 10605-21-7	NOEC	1 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Carbendazim 10605-21-7	EC50	23 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Carbendazim 10605-21-7	EC20	> 1,000 mg/l	Bacteria	30 min	not specified	DIN 38412, part 27 (Bacterial oxygen consumption test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Dodecane-1-thiol 112-55-0	Not readily biodegradable.	aerobic	39.2 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Carbendazim 10605-21-7	Not readily biodegradable.	aerobic	22 - 42 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Carbendazim 10605-21-7	inherently biodegradable	aerobic	> 70 %	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
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Dodecane-1-thiol 112-55-0		234		calculation		QSAR (Quantitative Structure Activity Relationship)
Dodecane-1-thiol 112-55-0	> 6.5				25 °C	OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
Carbendazim 10605-21-7	1.6					OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

### Section 13. Disposal considerations

- Waste disposal of product:** Dispose of according to Federal, State and local governmental regulations.
- Recommended cleanser:** Clean the packaging with water.
- Disposal for uncleaned package:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

### Section 14. Transport information

**Road and Rail Transport:**

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**General information:**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

### Section 15. Regulatory information

**SUSMP Poisons Schedule** None

### Section 16. Other information

**Abbreviations/acronyms:** IMDG: International Maritime Dangerous Goods code  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
ADGC - Australian Dangerous Goods Code

**Reason for issue:** Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

**Date of previous issue:** 10.02.2014

**Disclaimer:**

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