

# SAFETY DATA SHEET

## 9915300 OMYACAL 15-TK



Version 1.0 (GHS\_NZ)      Revision Date: 05.04.2019      SDS Number: PR99153-00      Date of last issue: -  
Date of first issue: 05.04.2019

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### Section 1: Identification

Product name : OMYACAL 15-TK

#### Manufacturer or supplier's details

Company : Omya New Zealand Ltd.  
Address : Great South Road  
Greenlane, Auckland AUK 1051  
Telephone : +64800822802  
Emergency telephone number : +64 274 365 902  
Recommended use : Manufacture of glues  
Manufacture of plastics products

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### Section 2: Hazard identification

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards which do not result in classification

None known.

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### Section 3: Composition/information on ingredients

Substance / Mixture : Substance  
Substance name : Calciumcarbonate GCC f powder  
CAS-No. : 1317-65-3

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Limestone	1317-65-3	>= 98 -< 99

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### Section 4: First-aid measures

If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.  
In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.

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If swallowed : Keep eye wide open while rinsing.  
: Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : None known.

### Section 5: Fire-fighting measures

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific extinguishing methods : Standard procedure for chemical fires.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

### Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures : Avoid dust formation.

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up : Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

### Section 7: Handling and storage

Advice on protection against fire and explosion : Avoid dust formation.  
Provide appropriate exhaust ventilation at places where dust is formed.

Advice on safe handling : For personal protection see section 8.  
No special handling advice required.

Hygiene measures : General industrial hygiene practice.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.

Materials to avoid : Do not store near acids.

Further information on storage stability : Keep in a dry place.

### Section 8: Exposure controls/personal protection

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Limestone	1317-65-3	WES-TWA	10 mg/m3 (Calcium)	NZ OEL

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			carbonate)	
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### Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Half mask with a particle filter P2 (EN 143)

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Skin and body protection : Protective suit

### Section 9: Physical and chemical properties

Appearance : powder

Colour : white

Odour : characteristic

Odour Threshold : Not relevant

pH : 8.5 - 9.5 (20 °C)  
Concentration: 100 g/l  
Method: DIN-ISO 787/9

Melting point/range : > 800 °C  
(1,013 hPa)  
Decomposition: Decomposes below the melting point.

Boiling point/boiling range : Decomposition: Decomposes below the boiling point.

Flash point : does not flash

Flammability (solid, gas) : The product is not flammable.

Burning number : 1

Upper explosion limit / Upper flammability limit : Upper flammability limit  
Not applicable

Lower explosion limit / Lower flammability limit : Lower flammability limit  
Not applicable

Vapour pressure : Not applicable

Density : 2.3 - 2.8 g/cm<sup>3</sup> (20 °C, 1,013 hPa)  
Method: DIN-ISO 787/10

Solubility(ies)

Water solubility : 0.014 g/l (20 °C, 1,013 hPa)

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : Not applicable

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Decomposition temperature : > 600 °C  
Explosive properties : Not explosive  
Not explosive  
Minimum ignition energy : > 1,000 mJ (20 °C, 1,013 hPa)

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### Section 10: Stability and reactivity

Reactivity : Stable under recommended storage conditions.  
Chemical stability : No decomposition if stored and applied as directed.  
Possibility of hazardous reactions : Stable under recommended storage conditions.  
No decomposition if used as directed.  
Reacts with acids. It forms carbon dioxide (CO<sub>2</sub>). This displaces the oxygen in the air in closed spaces. (danger of suffocation).  
Conditions to avoid : No data available  
Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>)

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### Section 11: Toxicological information

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

##### Components:

##### Limestone:

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

#### Respiratory or skin sensitisation

##### Product:

No data available

#### Chronic toxicity

#### Further information

##### Product:

No data available

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### Section 12: Ecological information

#### Ecotoxicity

##### Product:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC (Desmodesmus subspicatus (green algae)): 75 mg/l  
Exposure time: 72 h

EC50 (Desmodesmus subspicatus (green algae)): 289 mg/l  
Exposure time: 72 h

##### Components:

##### **Limestone:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l  
Exposure time: 72 h

#### Persistence and degradability

##### Product:

Biodegradability : Not applicable

#### Bioaccumulative potential

##### Components:

##### **Limestone:**

Partition coefficient: n-octanol/water : Not applicable

##### **Mobility in soil**

No data available

#### Other adverse effects

##### Product:

Additional ecological information : In solid state these minerals are a major part of the rocks of the earth's surface. They are dissolved in a natural state and indispensable part of the natural waters.

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These minerals are not biodegradable. Negative effects on the environment should therefore be excluded. Restrictions may indicate that concentrated suspensions with these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and - fauna in the sediment and subsequent detriment to the existence of higher water organisms).

### **Components:**

#### **Limestone:**

Results of PBT and vPvB assessment : Non-classified PBT substance Non-classified vPvB substance

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### **Section 13: Disposal considerations**

#### **Disposal methods**

Waste from residues : Offer surplus and non-recyclable solutions to a licensed disposal company.  
Contaminated packaging : Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### **Section 14: Transport information**

#### **International Regulations**

##### **IATA-DGR**

Not regulated as a dangerous good

##### **IMDG-Code**

Not regulated as a dangerous good

##### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

#### **National Regulations**

Not applicable for product as supplied.

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### **Section 15: Regulatory information**

#### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **HSNO Approval Number**

Not applicable

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### HSW Controls

Certified handler certificate not required.  
HSW tracking not required.  
Refer to WORKSAFE user guide to the HSW regulations for further information.

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### Section 16: Other information

#### Further information

Other information                : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Sources of key data used to compile the Safety Data Sheet                : Information taken from reference works and the literature.

Date format                        : dd.mm.yyyy

#### Full text of other abbreviations

NZ OEL                                : New Zealand. Workplace Exposure Standards for Atmospheric Contaminants

NZ OEL / WES-TWA                : Workplace Exposure Standard - Time Weighted average

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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