# ECO SYSTEMS ECO LEVEL

Revision Date: 2017/03/23

Version 0.0

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	ECO SYSTEMS ECO LEVEL	
Product code	: 100000012842	
Type of product	: solid	
Manufacturer or supplier's d	letails	
Company	: Sika (NZ) Ltd. 85-91 Patiki Road Avondale Auckland AKL 1026	
Telephone	: +64 9 820 2900	
Emergency telephone num- ber	: 0800 734 607	
Telefax	: +64 9 828 4091	
E-mail address	: info@nz.sika.com	

### **SECTION 2. HAZARDS IDENTIFICATION**

GHS Classification	
6.3 Skin irritation	: Category A
8.3 Serious eye damage	: Category A
6.7 Carcinogenicity	: Category A

:

### **GHS** label elements

Hazard pictograms

|--|--|

Signal word

: Danger

Hazard statements : H315 Causes skin irritation. H318 Causes serious eye damage. H350 May cause cancer.

Precautionary statements

Prevention:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read
and understood.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/ physician.
P321 Specific treatment (see supplemental first aid instructions on this label).
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
Storage:
P405 Store locked up.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

: Mixture

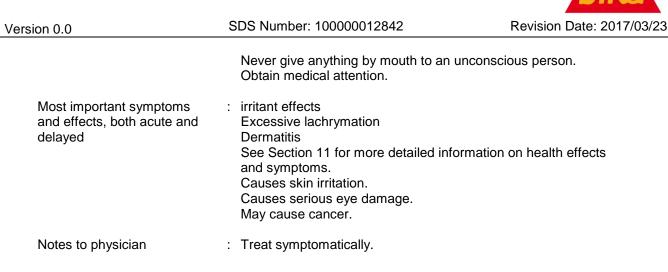
Substance / Mixture

### Hazardous components

Chemical name	CAS-No.	Concentration (%)
calcium carbonate	471-34-1	>= 30 - < 50
Quartz (SiO2)	14808-60-7	>= 20 - < 30
Cement, portland, chemicals	65997-15-1	>= 10 - < 20
calcium sulfate	7778-18-9	>= 10 - < 20
Quartz (SiO2) <5µm	14808-60-7	>= 0.1 - < 1

### **SECTION 4. FIRST AID MEASURES**

General advice	<ul> <li>Move out of dangerous area.</li> <li>Consult a physician.</li> <li>Show this safety data sheet to the doctor in attendance.</li> </ul>
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	<ul> <li>Take off contaminated clothing and shoes immediately.</li> <li>Wash off with soap and plenty of water.</li> <li>If symptoms persist, call a physician.</li> </ul>
In case of eye contact	<ul> <li>Small amounts splashed into eyes can cause irreversible tissue damage and blindness.</li> <li>In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</li> <li>Continue rinsing eyes during transport to hospital.</li> <li>Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> </ul>
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages.



## **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
Hazardous combustion prod- ucts	: No hazardous combustion products are known
Specific extinguishing meth- ods	: 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, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.
Environmental precautions	:	Try to prevent the material from entering drains or water courses.
Methods and materials for containment and cleaning up	:	Pick up and arrange disposal without creating dust. 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	:	Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. Follow standard hygiene measures when handling chemical



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	products	
Hygiene measures	<ul> <li>Handle in accordance with good indupractice.</li> <li>When using do not eat or drink.</li> <li>When using do not smoke.</li> <li>Wash hands before breaks and at the</li> </ul>	
Conditions for safe storage	: Keep container tightly closed in a dry place. Store in accordance with local regula	

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis			
calcium carbonate	471-34-1	WES-TWA	10 mg/m3 (Calcium)	NZ OEL			
		Further information: The value for inhalable dust containing no asbestos and less than 1% free silica.					
		WES-TWA	10 mg/m3 (Calcium car- bonate)	NZ OEL			
Quartz (SiO2)	14808-60-7	WES-TWA (Respirable dust)	0.1 mg/m3	NZ OEL			
	Further inform	ation: Confirmed	l carcinogen				
		TWA (Res- pirable frac- tion)	0.025 mg/m3 (Silica)	ACGIH			
Cement, portland, chemicals	65997-15-1	WES-TWA	10 mg/m3	NZ OEL			
	Further information: The value for inhalable dust containing no asbestos and less than 1% free silica.						
		TWA (Res- pirable frac- tion)	1 mg/m3	ACGIH			
calcium sulfate	7778-18-9	WES-TWA	10 mg/m3	NZ OEL			
		TWA (Inhal- able fraction)	10 mg/m3 (Calcium)	ACGIH			
		TWA (Inhal- able fraction)	10 mg/m3 (Calcium)	ACGIH			
Quartz (SiO2) <5µm	14808-60-7	WES-TWA (Respirable dust)	0.1 mg/m3	NZ OEL			
	Further inform	ation: Confirmed					
		TWA (Res- pirable frac- tion)	0.025 mg/m3 (Silica)	ACGIH			

### Components with workplace control parameters

Personal protective equipment

Respiratory protection

: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

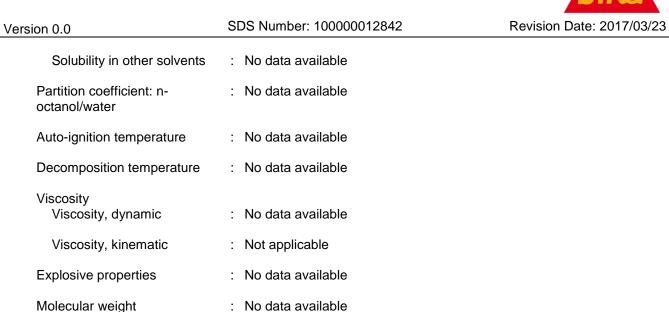


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imum expected contaminant concent (gas/vapour/aerosol/particulates) that dling the product. If this concentration	ration t may arise when han- n is exceeded, self-
proved standard should be worn at a	Il times when handling
	<ul> <li>The filter class for the respirator mustimum expected contaminant concent (gas/vapour/aerosol/particulates) that dling the product. If this concentration contained breathing apparatus must l</li> <li>Chemical-resistant, impervious glove proved standard should be worn at al chemical products if a risk assessme essary.</li> <li>Safety eyewear complying with an ap be used when a risk assessment indi</li> <li>Choose body protection in relation to tration and amount of dangerous sub</li> </ul>

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Colour	:	grey
Odour	:	characteristic
Odour Threshold	:	No data available
рН	:	No data available
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability		No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	No data available
Solubility(ies) Water solubility	:	No data available

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## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reac- tions	: Stable under recommended storage conditions.
Conditions to avoid	: No data available
Incompatible materials	: No data available
Hazardous decomposition products	: No decomposition if stored and applied as directed.

## SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

## Components:

#### calcium sulfate: Acute oral toxicity

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

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

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### **Chronic toxicity**

**Germ cell mutagenicity** Not classified based on available information.

### Carcinogenicity

May cause cancer.

# Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

#### Aspiration toxicity

Not classified based on available information.

### **SECTION 12. ECOLOGICAL INFORMATION**

### Ecotoxicity

No data available

### Persistence and degradability

No data available

## Bioaccumulative potential

No data available

Mobility in soil No data available

### Other adverse effects

### Product:

Additional ecological infor- : There is no data available for this product. mation

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues	:	Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

### **SECTION 14. TRANSPORT INFORMATION**

International Regulations IATA-DGR

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Not dangerous goods IMDG-Code Not dangerous goods

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

Not applicable for product as supplied.

National Regulations NZS 5433 Not dangerous goods

### **SECTION 15. REGULATORY INFORMATION**

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

International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors

### HSNO Approval Number

HSR002545

### **HSNO** Controls

Approved handler certificate not required. HSNO tracking not required. Refer to EPA user guide to the HSNO control regulations for further information.

#### The components of this product are reported in the following inventories:

NZIoC : On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

Date format : dd.mm.yyyy

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.