

## Safety Data Sheet

### KERALASTIC

Safety Data Sheet dated: 3/7/2017 - version 1

Date of first edition: 3/7/2017

## 1. Identification

### Product identifier

Mixture identification:

Trade name: KERALASTIC

### Recommended use and restrictions on use

Recommended use: Additive

Restrictions on use: N.A.

### Supplier's details

Company: MAPEI INC. (Canada)

2900 Francis-Hughes Avenue

H7L 3J5 - Laval - QC - CAN

Phone: 1-450-662-1212

### Emergency phone number

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-613-996-6666

## 2. Hazard identification

### Classification of the product

0 The product is not classified as dangerous according to WHMIS 2015.

### Label elements

The product is not classified as dangerous according to WHMIS 2015.

### Other hazards

None

### Ingredient(s) with unknown acute toxicity

None

## 3. Composition/information on ingredients

### Substances

N.A.

### Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

#### List of components

Quantity	Name	Ident. Numb.	Classification
1-2.5 %	Calcium chloride	CAS:10043-52-4	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2B, H320

## 4. First-aid measures

### Description of necessary first-aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### Most important symptoms/effects, acute and delayed

N.A.

### Indication of immediate medical attention and special treatment needed, if necessary

## 5. Fire-fighting measures

### Suitable and unsuitable extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media:

None in particular.

### **Specific hazards arising from the hazardous product**

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

### **Special protective equipment and precautions for fire-fighters**

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## **6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### **Methods and material for containment and cleaning up**

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

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## **7. Handling and storage**

### **Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### **Conditions for safe storage, including any incompatibilities**

Storage temperature: N.A.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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## **8. Exposure controls/personal protection**

### **Control parameters**

No Data Available

### **Appropriate engineering controls**

N.A.

### **Individual protection measures, such as personal protective equipment (PPE)**

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

N.A.

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## **9. Physical and chemical properties**

### **Information on basic physical and chemical properties**

Physical state: Liquid

Appearance and colour: white

Odour: characteristic

Odour threshold: N.A.

pH: 5.25

Melting point / freezing point: N.A.  
Initial boiling point and boiling range: 100 °C (212 °F)  
Flash point: >100 °C (212 °F)  
Evaporation rate: N.A.  
Upper/lower flammability or explosive limits: N.A.  
Vapour density: N.A.  
Vapour pressure: N.A.  
Relative density: 1.02 g/cm<sup>3</sup>  
Solubility in water: Dispersible  
Solubility in oil: N.A.  
Partition coefficient (n-octanol/water): N.A.  
Auto-ignition temperature: N.A.  
Decomposition temperature: N.A.  
Viscosity: N.A.  
Explosive properties: N.A.  
Oxidizing properties: N.A.  
Solid/gas flammability: N.A.

#### **Other information**

Substance groups relevant properties: N.A.  
Miscibility: N.A.  
Fat Solubility: N.A.  
Conductivity: N.A.

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## **10. Stability and reactivity**

### **Reactivity**

Stable under normal conditions

### **Chemical stability**

Data not Available.

### **Possibility of hazardous reactions**

None.

### **Conditions to avoid**

Stable under normal conditions.

### **Incompatible materials**

None in particular.

### **Hazardous decomposition products**

None.

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## **11. Toxicological information**

### **Information on toxicological effects**

#### **Toxicological information of the mixture:**

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

#### **Toxicological information on main components of the mixture:**

Calcium chloride	a) acute toxicity	LD50 Skin Rat = 2630 mg/kg LD50 Oral Rat = 1000 mg/kg
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**If not differently specified, the information required in the regulation and listed below must be considered as N.A.**

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

#### **Substance(s) listed on the IARC Monographs:**

None

**Substance(s) listed as OSHA Carcinogen(s):**

None

**Substance(s) listed as NIOSH Carcinogen(s):**

None

**Substance(s) listed on the NTP report on Carcinogens:**

None

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**12. Ecological information**

**Ecotoxicity**

Adopt good working practices, so that the product is not released into the environment.

**List of components with eco-toxicological properties**

Quantity	Component	Ident. Numb.	Ecotox Infos
1-2.5 %	Calcium chloride	CAS: 10043-52-4	a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 10650 mg/L 96h a) Aquatic acute toxicity : LC50 Daphnia Daphnia magna = 52,00000 mg/L 48h ECHA

**Persistence and degradability**

N.A.

**Bioaccumulative potential**

N.A.

**Mobility in soil**

N.A.

**Other adverse effects**

N.A.

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**13. Disposal considerations**

**Safe handling and methods for disposal**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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**14. Transport information**

Not classified as dangerous in the meaning of transport regulations.

**UN number**

TDG-UN number: N.A.

ADR-UN number: N.A.

DOT-UN Number: N.A.

IATA-Un number: N.A.

IMDG-Un number: N.A.

**UN proper shipping name**

TDG-Shipping Name: N.A.

ADR-Shipping Name: N.A.

DOT-Proper Shipping Name: N.A.

IATA-Technical name: N.A.

IMDG-Technical name: N.A.

**Transport hazard class(es)**

TDG-Class: N.A.

ADR-Class: N.A.

DOT-Hazard Class: N.A.

IATA-Class: N.A.

IMDG-Class: N.A.

**Packing group**

TDG-Packing Group: N.A.

ADR-Packing Group: N.A.

DOT Packing Group: N.A.

IATA-Packing group: N.A.

IMDG-Packing group: N.A.

**Environmental hazards**

Marine pollutant: No

Environmental Pollutant: N.A.

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

N.A.

**Special precautions in connection with transport or conveyance**

TDG:

TDG Special provisions: N/A

Department of Transportation (DOT):

N.A.

Road and Rail (ADR-RID):

N.A.

Air (IATA):

N.A.

Sea (IMDG):

N.A.

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**15. Regulatory information**

**Canada - Federal regulations**

**DSL - Domestic Substances List**

DSL Inventory:

All the substances are listed in the DSL.

**NDSL - Non Domestic Substances List**

NDSL Inventory:

no substances listed

**NPRI - National Pollutant Release Inventory**

Substances listed in NPRI:

no substances listed

**USA - Federal regulations**

**TSCA - Toxic Substances Control Act**

TSCA inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

Calcium chloride is listed in TSCA Section 8b

**SARA - Superfund Amendments and Reauthorization Act**

Section 302 - Extremely Hazardous Substances:

no substances listed

Section 304 - Hazardous substances:

no substances listed

Section 313 - Toxic chemical list:

no substances listed

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**

Substance(s) listed under CERCLA:

no substances listed

**CAA - Clean Air Act**

CAA listed substances:

no substances listed

**CWA - Clean Water Act**

CWA listed substances:

no substances listed

**USA - State specific regulations**

**California Proposition 65**

Substance(s) listed under California Proposition 65:

no substances listed

**Massachusetts Right to know**

Substance(s) listed under Massachusetts Right to know:

no substances listed

**Pennsylvania Right to know**

Substance(s) listed under Pennsylvania Right to know:

no substances listed

## New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

no substances listed

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## 16. Other information

Code	Description
H302	Harmful if swallowed.
H315	Causes skin irritation.
H320	Causes eye irritation.

Safety Data Sheet dated: 3/7/2017 - version 1

Product code: 1172

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

### Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
IMDG: International Maritime Code for Dangerous Goods.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
CLP: Classification, Labeling, Packaging.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
INCI: International Nomenclature of Cosmetic Ingredients.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
WGK: German Water Hazard Class.  
KSt: Explosion coefficient.