



# SAFETY DATA SHEET

## KisCote SS

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY UNDERTAKING

PRODUCT NAME KisCote SS  
APPLICATION Concrete Waterproofing and Protection  
SUPPLIER Kensetsu International (S) Pte Ltd  
No.7 Mandai Link #09-24  
Mandai Connection  
Singapore 728653  
[sales@kst-grp.com](mailto:sales@kst-grp.com)  
CONTACT TELEPHONE Phone: (65) 6255 6855 (not in use for 24hours)  
Fax: (65) 6255 5755

### 2 HAZARDS IDENTIFICATION

R35 Causes severe burns.  
R22 R35 Harmful if swallowed. Causes severe burns.

#### LABEL IN ACCORDANCE with GHS



Warning

#### HAZARD STATEMENTS

R35 Causes severe burns.  
R22 R35 Harmful if swallowed. Causes severe burns.

#### PRECAUTIONARY STATEMENTS

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor/...  
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P314 Get medical advice/attention if you feel unwell.  
P331 Do NOT induce vomiting.  
P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

	CAS NO.	%
POTASSIUM METHYLSILICONATE	31795-24-1	< 30



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### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

Induce drinking plenty of water in small portions. Seek medical advice and clearly identify substance.

#### SKIN CONTACT

Remove contaminated clothing immediately. Wash skin with soap with plenty of water. Seek medical advice and clearly identify substance.

#### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists, seek medical attention and bring along these instructions.

### 5 FIRE-FIGHTING MEASURES

#### GENERAL INFORMATION

Product does not burn. Use extinguishing measures appropriate to the source of the fire.

#### SUITABLE EXTINGUISHING MEDIA

Not applicable.

#### EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS

Not applicable.

#### SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, COMBUSTION PRODUCTS, RESULTING GASES

Not applicable.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING

Use respiratory protection independent of recirculated air.

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILLS / LEAKAGE

Take up spills with sand, soil or other absorbent materials and place in sealed containers for disposal. Contaminated area can be washed clean with warm detergent solution. Keep spills and cleaning run off out of municipal sewers and open bodies of water.

### 7 HANDLING AND STORAGE

#### HANDLING AND USE

Avoid contact with acids. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection).

#### STORAGE

Do not store in containers made of aluminium or other light metals. Keep container tightly closed.



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#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

##### PROTECTIVE EQUIPMENT



##### RESPIRATORY EQUIPMENT

In case of long or strong exposure: gas mask filter ABEK.

##### HAND PROTECTION

PVC gloves, rubber gloves. At any sign of decay or chemical permeability remove glove immediately and replace.

##### EYE PROTECTION

Wear approved safety goggles.

##### HYGIENE MEASURES

Wash hand and face before breaks and at end of each work shift.

#### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless Liquid
Odour	Low odour
WATER SOLUBILITY	Soluble in water
pH	12 - 13
BOILING POINT	101°C
SPECIFIC GRAVITY	0.98 - 1.03 g/cm <sup>3</sup>
AUTOIGNITION TEMPERATURE	570 °C

#### 10 STABILITY AND REACTIVITY

##### STABILITY

No hazardous reactions are known if stored and handled in accordance with standard industrial practices.

##### MATERIALS TO AVOID

Reacts with acid. Reaction causes the formation of heat.

##### HAZARDOUS DECOMPOSITION PRODUCTS

Not known.

#### 11 TOXICOLOGICAL INFORMATION

##### GENERAL INFORMATION

Note indications of danger and safety advice (R- and S-phrases) in section 15. The toxicology results listed below are based on tests with a similar material.



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### TOXICOLOGICAL TESTS

Acute toxicity (LD50/LC50-values relevant to classification):

Exposition	Value/ value range	Species	Source
Oral	> 2000 mg / kg	Rat (Limit test)	Conclusion by analogy

Reference points for mutagenic (carcinogenic) potential

Test system	Effect	Source
Bacterial reverse mutation test	not mutagenic	Conclusion by analogy

### FURTHER TOXICOLOGICAL INFORMATION

Classification based on ingredients: Causes severe burns.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Species	Test method	Exp. Time	Result	Source
Daphnia magna	acute	48 h	> 100 mg/l (EC50)	Conclusion by analogy
Daphnia magna	acute	48 h	> 100 mg/l (EC100)	Conclusion by analogy

No expected damaging effects to water organisms. Harmful effect through pH-shift possible.

### Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

Normally neutralisation is required before waste water is introduced into purification plants.

Do not introduce large amounts into purification plants.

### MOBILITY

-

### PERSISTENCE AND DEGRADABILITY

Biodegradation / further information:

Biologically not degradable.

Further information:

-

### BIO-ACCUMULATION POTENTIAL

Further information:

Bioaccumulation is not expected to occur.

### FURTHER ECOLOGICAL INFORMATION

General information:

Evaluation in analogy to a similar tested product. Prevent material from introduction into surface water and into soil.

## 13 DISPOSAL CONSIDERATION

### DISPOSAL METHODS

Disposal of waste and residues in accordance with local authority requirements.



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### 14 TRANSPORT INFORMATION

#### LAND TRANSPORT GGVSE/ADR AND RID

##### Road ADR:

Valuation.....: Hazardous product  
Class.....: 8  
Packaging Group.....: II  
Hazard No. ....: 80  
UN no. ....: 1814  
Proper Shipping Name.....: Potassium hydroxide solution

##### Railway RID:

Valuation.....: Hazardous product  
Class.....: 8  
Packaging Group.....: II  
UN no. ....: 1814

#### INLAND NAVIGATION GGVBINSCH/ADNR

#### TRANSPORT BY SEA GGVSEE/IMDG-CODE

Valuation.....: Hazardous product  
Class.....: 8  
Packaging Group.....: II  
UN no. ....: 1814  
Proper Shipping Name.....: Potassium hydroxide solution  
EmS No. ....: 8-06  
Marine Pollutant.....: no

#### AIR TRANSPORT ICAO-TI/IATA-DGR

Valuation.....: Hazardous product  
Class.....: 8  
Packaging Group.....: II  
UN no. ....: 1814  
Proper Shipping Name.....: Potassium hydroxide solution

### 15 REGULATORY INFORMATION

#### WARNING LABEL (EU)

R-phrase	Description
R35	Causes severe burns.

S-phrase	Description
S23	Do not breathe spray.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S51	Use only in well-ventilated areas.



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### HAZARD INGREDIENTS (LABELLING EU)

Material	Hazard symbols	Risk phrases (EU)
Potassium methylsiliconate	C	35

### 16 REGULATORY INFORMATION

REVISION DATE -  
REV. NO. SDS-SS-V3  
DATE 04/09/2022

#### DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. KENSETSU INTERNATIONAL (S) PTE LTD shall not be held liable for any damage resulting from contact with or handling of the above products.