

# Material Safety Data Sheet

## Sika Retarder

### COMPANY DETAILS

COMPANY: Sika (NZ) Ltd  
ADDRESS: 85-91 Patiki Road, Avondale, Auckland  
TELEPHONE: (09) 828 7002  
EMERGENCY AFTER HOURS: 0800 734 607  
FAX NUMBER: (09) 828 4091

### IDENTIFICATION

|   |                                      |
|---|--------------------------------------|
| PRODUCT NAME:                                 | Sika Retarder                        |
| OTHER NAMES:                                  | None                                 |
| MANUFACTURER'S PRODUCT CODE:                  | None                                 |
| U.N. NUMBER:                                  | None                                 |
| DANGEROUS GOODS CLASS AND<br>SUBSIDIARY RISK: | None                                 |
| HAZCHEM CODE:                                 | None                                 |
| POISONS SCHEDULE NUMBER:                      | None                                 |
| USE:  | Set retarding admixture for concrete |

### PHYSICAL DESCRIPTION / PROPERTIES:

|                                |                                   |
|--------------------------------|-----------------------------------|
| APPEARANCE:                    | Pale yellow liquid                |
| BOILING POINT / MELTING POINT: | Boiling point approximately 100°C |
| VAPOUR PRESSURE:               | Not measured                      |
| SPECIFIC GRAVITY:              | 1.14                              |
| FLASHPOINT:                    | Not applicable                    |
| FLAMMABILITY LIMITS:           | Does not support combustion       |
| SOLUBILITY IN WATER:           | Miscible in all proportions       |

### ADVICE NOTE:

*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 Technical Data Sheet prior to any use and processing.*

**OTHER PROPERTIES:**

**INGREDIENTS:**

| <i>Chemical Name:</i>     | <i>CAS Number:</i> | <i>Proportion:</i> |
|---------------------------|--------------------|--------------------|
| Water                     |                    | 70 - 90%           |
| Sodium Gluconate          | 527-07-1           | 5 - 15%            |
| Sodium Hydroxide          | 1310-73-2          | 1 - 3%             |
| Sodium Hexameta Phosphate | 10124-56-8         | 5 - 15%            |
| Preservative              | 15773-22-9         | 01 - 0.4%          |

## HEALTH HAZARD INFORMATION

**HEALTH EFFECTS:**

|            |                 |
|------------|-----------------|
| Swallowed: | Harmful.        |
| Eye:       | Irritant.       |
| Skin:      | Mild irritant.  |
| Inhaled:   | Not applicable. |

**FIRST AID:**

|                       |   |
|-----------------------|---|
| Swallowed:            | Give water to drink. Seek immediate medical attention.  |
| Eye:                  | In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. |
| Skin:                 | In case of contact with skin, wash off immediately with soap and water.                           |
| Inhaled:              | Not applicable.   |
| First Aid Facilities: | Eye wash station. Showering facilities.   |

**ADVICE TO DOCTOR:** No specific antidote. Treat symptomatically.

## PRECAUTIONS FOR USE

|                       |   |
|-----------------------|---|
| EXPOSURE STANDARDS:   | Not determined.<br>Follow good working practice: handle with care, avoid ingestion, eye and skin contact. |
| ENGINEERING CONTROLS: | Prevent any spillages of the product.   |

PERSONAL PROTECTION: Avoid contact with skin and eyes by wearing long impervious gloves (rubber, neoprene, PVC, complying to AS/NZS 2161) and safety glasses.

FLAMMABILITY: Not flammable.

## SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: Non hazardous in transport.

SPIILLS & DISPOSAL: For spills, contain spill with appropriate material and remove with absorbing material. Wash remnants with water.  
For disposal, use a dumping ground controlled by local authorities.

FIRE / EXPLOSION HAZARD: No hazard under normal conditions. Under extreme heat conditions, oxides of nitrogen and carbon monoxide may be produced.

OTHER INFORMATION: Product should not be released into rivers, lakes, the sewage system or into natural ground.

CONTACT POINT: Operations Manager (09) 828 7002 or (09) 820 1432.