

**PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	SIKMTDE
<i>Product Name</i>	Sikament DE
<i>Product Description</i>	Liquid superplasticiser for use in concrete.
<i>Manufacturer/Supplier</i>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

**COMPOSITION/INFORMATION ON THE COMPONENTS**

<i>Hazardous Components in Product</i>	The product does not contain any substances classified as hazardous under current regulations.
<i>Chemical Characteristic</i>	Aqueous blend of a sulphonated naphthalene formaldehyde condensate.

**HAZARD IDENTIFICATION**

<i>Main Hazards</i>	None. Not classified as hazardous.
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**FIRST AID MEASURES**

<i>Eye Contact</i>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Eyelids should be held away from the eyeball to ensure thorough rinsing. Obtain medical attention urgently.
<i>Skin Contact</i>	Wash skin with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention if blistering occurs or redness persists.
<i>Ingestion</i>	Do not induce vomiting. Wash out mouth with water. Obtain medical attention.
<i>Inhalation</i>	Unlikely to occur. However provide symptomatic medical treatment if required.

**FIRE FIGHTING MEASURES**

<i>Extinguishing Media</i>	Not combustible. Select extinguishing agent appropriate to other materials involved.
<i>Special Hazards of Product</i>	Combustion will produce smoke, carbon dioxide and carbon monoxide. See also Section 10.

**ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	Try to prevent the material from entering drains or water courses.
<i>Spillages</i>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

**HANDLING AND STORAGE****Handling**

Avoid contact with eyes, skin and clothing.

**Storage**

Storage area should be: cool. dry. out of direct sunlight.  
Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.  
Storage temperature should be controlled to between 5 and 25 °C.

**EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Standards**

None assigned.

**Engineering Control Measures**

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

**Respiratory Protection**

None required.

**Hand Protection**

Wear suitable impervious gloves.

**Eye Protection**

The nature of the work in hand will determine the choice of gloves.  
Wear safety glasses if risks of accidental contamination are possible during application.

**PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Liquid.

**Color**

Dark Brown.

**Odor**

Characteristic.

**pH**

Range between 6 to 8.

**Flash Point °C**

Not applicable.

**Solubility - Water**

Completely soluble.

**Density (kg/m<sup>3</sup>)**

Approx. 1.20 at 20 °C.

**Viscosity ( at 20°C )**

Approx. 100 (measured as mPa.s)

**STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to avoid**

Protect from frost

**Materials to avoid**

Oxidising agents. Mineral acids. Alkalis.

**Hazardous Decomposition Products**

Combustion will generate: oxides of carbon. oxides of sulphur.

**TOXICOLOGICAL INFORMATION****Acute toxicity**

Low order of acute toxicity.

**Eye irritation**

May cause slight transient irritation.

**Skin irritation**

Unlikely to cause irritation from occasional contact

**ECOLOGICAL INFORMATION****Mobility**

The product will dissolve rapidly in water.

**Persistence/degradability**

The product is partially or slowly biodegradable.

**Ecotoxicity**

The product may be harmful to aquatic organisms.

**DISPOSAL****Product Disposal**

Arrange for disposal via a licensed waste contractor.

**Container Disposal**Dispose of containers with care.  
Empty packaging should be removed by a licensed waste contractor.**TRANSPORT INFORMATION****ADR/RID Substance Identification Number**

Not Regulated under ADR/RID

**IMDG : Proper shipping name**

Not Regulated under IMDG

**IATA : Proper shipping name**

Not Regulated under ICAO

**REGULATORY INFORMATION****Risk Phrases**

None assigned.

**Safety Phrases**

None assigned.

**OTHER INFORMATION****First Issue Date**

17.05.1996

**Revisions Highlighted**First Aid Measures  
Stability and Reactivity  
Ecological Information**Uses and Restrictions**

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

**UK Legislation**Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.  
SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.  
SI 1999/437: The Control of Substances Hazardous to Health Regulations  
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.**UK Guidance Publications**Approved Code of Practice - Management of Health and Safety at Work, HSE.  
General Approved Code of Practice to COSHH Regulations, HSE.**Footnote**

The information contained in this SDS 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 use.



**SAFETY DATA SHEET**

**Sikament DE**

Date of issue - 22/03/2001.

**SIKMTDE**

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