

**PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	PLM18
<i>Product Name</i>	Plastiment 180
<i>Product Description</i>	Water reducing plasticiser 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 solution of liginosulphonates.

HAZARD IDENTIFICATION

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

<i>Eye Contact</i>	Wash out eye with plenty of water. Obtain medical attention urgently. Eyelids should be held away from the eyeball to ensure thorough rinsing.
<i>Skin Contact</i>	Wash skin with soap and water.
<i>Ingestion</i>	Wash out mouth with water. Do not induce vomiting. Have victim drink 240-300ml of water to dilute stomach contents. Obtain medical attention urgently.
<i>Inhalation</i>	Remove from exposure. 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>	None.

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>	Small spillages may be flushed with large quantities of water. 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**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

Wear safety glasses if risks of accidental contamination are possible during application.

PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Liquid.

Color

Brown.

Odor

Characteristic.

pH

Range between 4 to 6.

Flash Point °C

Not applicable.

Solubility - Water

Completely soluble.

Density (kg/m³)

Approx. 1.19 at 20 °C.

Viscosity (at 20°C)

Mobile liquid at ambient temperatures.

STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Protect from frost
Extremes of temperature.

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 expected to be readily biodegradable.

Bioaccumulative potential

Product is not expected to bioaccumulate.

Ecotoxicity

The product may be harmful to aquatic organisms.

**DISPOSAL****Product Disposal**

Arrange for disposal via a licensed waste contractor.

Container DisposalDispose of containers with care.
Empty packaging should be removed by a licensed waste contractor.**TRANSPORT INFORMATION**

UN : UN number	Not classified.
ADR/RID Proper shipping name	Not Hazardous
ADR/RID Class	None assigned.
IMDG : Proper shipping name	None assigned.
IATA : Proper shipping name	Not classified.
IATA : Class	None assigned.

REGULATORY INFORMATION**Risk Phrases**

None assigned.

Safety Phrases

The following can be considered as advisory.

Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**OTHER INFORMATION****First Issue Date**

06.07.1999

Revisions Highlighted

Future revisions will incorporate such information as is required but which is not available at this time.

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 LegislationHealth 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

Plastiment 180

Date of issue - 22/03/2001.

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