

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code FEGD901
Product Name Sika Ferrogard 901
Product Description Corrosion Inhibiting concrete admixture.
Manufacturer/Supplier Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
2-dimethylaminoethanol	108-01-0	2.50% - 10.00%	C	R10, R20/21/22, R34

3. HAZARD IDENTIFICATION

Main Hazards Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

Eye Contact 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.

Skin Contact Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists. Contaminated clothing should be washed or dry-cleaned before re-use.

Ingestion Do not induce vomiting. If vomiting occurs naturally, lean victim forward to reduce risk of aspiration. Obtain medical attention urgently.

Inhalation Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use water spray, foam, dry chemical or carbon dioxide.
Special Hazards of Product Combustion will generate oxides of carbon and nitrogen
Protective Equipment for Fire-Fighting Wear self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	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.

7. HANDLING AND STORAGE

<i>Handling</i>	Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Avoid contact with eyes, skin and clothing. Use in well ventilated area.
<i>Storage</i>	Storage area should be: cool, dry, well ventilated, out of direct sunlight. Store in original containers. Keep away from foodstuffs Storage temperature should be controlled to between 5 and 25 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits - GB**

2-dimethylaminoethanol	UK EH40: OES 2ppm (7.4mg/m ³) 8h TWA. UK EH40: OES 6ppm (22mg/m ³) 15min STEL
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<i>Engineering Control Measures</i>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<i>Respiratory Protection</i>	If limits are exceeded use an approved respirator suitable for the purpose.
<i>Hand Protection</i>	Wear suitable impervious gloves.
<i>Eye Protection</i>	Wear safety glasses if risks of accidental contamination are possible during application.

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Liquid.
<i>Color</i>	Blue-Green
<i>Odor</i>	Amine like.
<i>pH</i>	Approx. 10
<i>Flash Point °C</i>	> 100
<i>Solubility - Water</i>	Miscible.
<i>Density (kg/m³)</i>	Approx. 1060 at 20 °C.
<i>Viscosity (at 20°C)</i>	Mobile liquid at ambient temperatures.

10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Extremes of temperature.
<i>Hazardous Decomposition Products</i>	After evaporation of water, combustion will generate: oxides of carbon, oxides of nitrogen, ammonia, acrid smoke and irritating fumes.

**11. TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Irritating to the eyes.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product will dissolve rapidly in water.
<i>Persistence/degradability</i>	The product is expected to be readily biodegradable.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.


13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>ADR/RID : Number</i>	Not Regulated under ADR/RID
<i>IMDG : Proper shipping name</i>	Not Regulated under IMDG
<i>IATA : Proper shipping name</i>	Not Regulated under ICAO

15. REGULATORY INFORMATION

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Irritating to eyes, respiratory system and skin.
<i>Safety Phrases</i>	Do not breathe gas/fumes/vapor/spray Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

<i>First Issue Date</i>	05.02.1997
<i>Revisions Highlighted</i>	Composition / information on ingredients Regulatory Information
<i>Uses and Restrictions</i>	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.
<i>UK Legislation</i>	Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions. SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations SI 2002/2677: The Control of Substances Hazardous to Health Regulations SI 2639 1991 Environmental Protection (Duty of Care) Regulations. SI No. 972/1996: The Special Waste Regulations 1996



SAFETY DATA SHEET

Sika Ferrogard 901

Date of issue - 11/06/2004.

FEGD901

UK Guidance Publications

General Approved Code of Practice to COSHH Regulations, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually.

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.