

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code FEGD903
Product Name Sika Ferrogard 903
Product Description Aqueous corrosion inhibitor for reinforced concrete
Manufacturer/Supplier Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
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COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	Concentration	Classification	Risk Phrases
1) 2-aminoethanol	2.50%-10.00%	Xn	R20, ., R36/37/38

HAZARD IDENTIFICATION

Main Hazards Not classified as hazardous.

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.

Ingestion Do not induce vomiting. Wash out mouth with water.
If vomiting occurs naturally, lean victim forward to reduce risk of aspiration. Repeat administration of water.
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.

FIRE FIGHTING MEASURES

Extinguishing Media Use water spray, foam, dry chemical or carbon dioxide.

Special Hazards of Product None known.

Protective Equipment for Fire-Fighting Wear self contained breathing apparatus.

**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

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

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

1) 2-aminoethanol	UK EH40: OES 3ppm (8mg/m ³) 8h TWA. UK EH40: OES 6ppm (15mg/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>	Respiratory protection not normally required. 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.

PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Liquid.
<i>Color</i>	Colourless.
<i>Odor</i>	Ammoniacal.
<i>pH</i>	Approx. 11
<i>Flash Point °C</i>	53 (Not combustible in accordance with CHIP, Approved Classification and Labelling Guide)
<i>Explosion Limits (%)</i>	Not determined.
<i>Solubility - Water</i>	Miscible.
<i>Vapor Pressure (kPa)</i>	Negligible vapour pressure at ambient conditions.
<i>Density (kg/m³)</i>	Approx. 1130 at 20 °C.
<i>Viscosity (at 20°C)</i>	Approx. 25 at 20 °C. (measured as mPa.s)

STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Extremes of temperature.
<i>Materials to avoid</i>	Strong acids. Aluminium. Copper. Zinc. (and their alloys)
<i>Hazardous Decomposition Products</i>	After evaporation of water, combustion will generate: oxides of carbon. oxides of nitrogen. acid smoke and irritating fumes.

**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	May cause slight transient irritation.
<i>Skin irritation</i>	The product should be considered as a moderate skin irritant.

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>Bioaccumulative potential</i>	Product is not expected to bioaccumulate.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.

DISPOSAL

<i>Product Disposal</i>	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.

TRANSPORT INFORMATION

<i>UN :</i> <i>UN number</i>	Not considered Hazardous for Transport.
<i>UN :</i> <i>Class</i>	Not classified.

REGULATORY INFORMATION

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	The following are considered as advisory: Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

OTHER INFORMATION

<i>First Issue Date</i>	14.05.1996
<i>Revisions Highlighted</i>	Composition/Information on the Components
<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 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.
<i>UK Guidance Publications</i>	General Approved Code of Practice to COSHH Regulations, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually.



SAFETY DATA SHEET
Sika Ferrogard 903

Date of issue - 22/03/2001.

FEGD903

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.