

**1. 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. 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-aminoethanol	141-43-5	2.50% - 10.00%	C	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.
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.



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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.
<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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

2-aminoethanol	UK EH40: WEL 3ppm (8mg/m ³) 8h TWA. UK EH40: WEL 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>	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>	Colourless.
<i>Odor</i>	Faint Odor
<i>pH</i>	Approx. 11
<i>Flash Point °C</i>	84 - 104
<i>Solubility - Water</i>	Miscible.
<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)

10. 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. acrid smoke and irritating fumes.



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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. May cause allergic reactions to certain individuals.

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>	Hazardous 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 : Proper shipping name</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 In case of insufficient ventilation, wear suitable respiratory equipment.
<i>Contains</i>	Triisobutyl-phosphate May produce an allergic reaction

16. OTHER INFORMATION

<i>First Issue Date</i>	14.05.1996
<i>Revisions Highlighted</i>	Composition/Information on the Components Toxicological Information Disposal. 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.



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UK Legislation

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 No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

SI 2005/ 894 Hazardous waste regulations 2005

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.