

SAFETY DATA SHEET



1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE COMPANY/UNDERTAKING

Product Name: **NITOFLOR LITHURIN 2**
Application: Clear viscous liquid.
Company: **Al Gurg Fosroc LLC**
Address: P O Box 657, Dubai, United Arab Emirates
Telephone: +971 4 858606 Fax: +971 4 859649

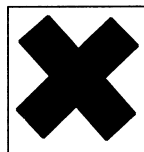
2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Aqueous sodium silicate solution.

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.
Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Irritating to skin.
Risk of serious damage to eyes.



IRRITANT

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.
Skin: Wash immediately with soap and water or suitable skin cleanser.
Inhalation: Remove from exposure - unlikely to occur. If feeling unwell obtain medical attention.
Ingestion: Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention urgently.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: None, not flammable.
Special Exposure Hazards: None.
Special Protective Equipment: None.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection. Spilt product presents a significant slip hazard.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent or contain and remove by best available means. Dispose off as waste. Residues may be flushed to drain with large volumes of water. Prior consent must be obtained from the local water company if discharged to sewer.

7: HANDLING AND STORAGE

Handling:	Avoid breathing vapours and spray mist. Avoid skin and eye contact.
Storage:	Protect from frost. Store away from acids.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:	None assigned.
Engineering Control Measures:	Use only in well ventilated areas. Local exhaust ventilation is recommended.
Personal Protective Equipment:	Impervious gloves (e.g. PVC). Safety glasses/goggles. Change contaminated clothing and clean before re-use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Colour:	Clear.
Odour:	Odourless.
pH (concentrate):	11
Boiling Point/Range (°C):	102
Flash Point (closed, °C):	None.
Autoflammability (°C):	Not applicable.
Explosive Properties (%):	Not applicable
Vapour Pressure (kPa at 20°C):	2.3 (water)
Relative Density (at 20°C):	1.49
Water Solubility:	Soluble

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperatures below 0° C.
Materials to Avoid:	Strong acids. Aluminium, zinc and tin and their alloys.
Hazardous Decomposition Products:	Thermal decomposition - irritant fumes.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Oral LD50, rat >2g/kg.

Health Effects

On Eyes: Severe irritation. Causes irreversible damage to eye tissue if not removed promptly.

On Skin: Mildly irritating.

By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion: May cause burning sensation in the mouth and throat. May cause nausea, vomiting and diarrhoea.

Chronic: None known.

12: ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed of as intended no adverse environmental effects are foreseen.

Mobility: Mobile liquid. Soluble in water.

Persistence and Degradability: Expected to be readily biodegradable.

Bioaccumulative Potential: Not expected to be bioaccumulative.

Ecotoxicity: Expected to be ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose of through an authorised waste contractor to a licensed site.

Used/Contaminated Product: As for Unused Product.

Packaging: May be steam cleaned and recycled.

14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

Symbol(s): Xi.

Risk Phrases: Irritating to skin.

Risk of serious damage to eyes.

Safety Phrases: 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.

EC Directives: Dangerous Substances Directive 67/548/EEC and adaptations.

Dangerous Preparations Directive, 88/379/EEC.

Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regs. 1993 (SI 1746).

Control of Substances Hazardous to Health Regs. 1988 (SI 1657).
Health & Safety at Work, etc. Act 1974.

Codes of Practice: Waste Management. The Duty of Care.

The above publications are available from HMSO.

16: OTHER INFORMATION

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Al Gurg Fosroc.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from Al Gurg Fosroc LLC.

Date Printed: 15.08.97

SDS Reference: