



SAFETY DATA SHEET NITOPROOF 600WB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name NITOPROOF 600WB
Product number 1970105AE1, 1970110AE1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Waterproofing Coating / Membrane

1.3. Details of the supplier of the safety data sheet

Supplier Al Gurg Fosroc LLC
PO Box 657
Dubai
United Arab Emirates
+ 971 4 2858606

1.4. Emergency telephone number

Emergency telephone +97142039699 (08:00 to 16:30) // +971506258232 (16:30 to 08:00)GMT+4

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements EUH208 Contains 5-chloro-2-methyl-3(2H)-isothiazolone mixture with 2-Methyl-3(2H)-isothiazole. May produce an allergic reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P273 Avoid release to the environment.
P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

NITOPROOF 600WB

TITANIUM DIOXIDE			<1%
CAS number: 13463-67-7	EC number: 236-675-5	REACH registration number: 01-2119489379-17-XXXX	
Classification Not Classified			
5-chloro-2-methyl-3(2H)-isothiazolone mixture with 2-Methyl-3(2H)-isothiazole			<1%
CAS number: 55965-84-9			
M factor (Acute) = 10	M factor (Chronic) = 1		
Classification Acute Tox. 3 - H301 Acute Tox. 2 - H310 Acute Tox. 2 - H330 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410			
2,2'-OXYBISETHANOL			<1%
CAS number: 111-46-6	EC number: 203-872-2		
Classification Acute Tox. 4 - H302			
DIURON (ISO)			<1%
CAS number: 330-54-1	EC number: 206-354-4		
M factor (Chronic) = 10			
Classification Acute Tox. 4 - H302 Carc. 2 - H351 STOT RE 2 - H373 Aquatic Chronic 1 - H410			
SODIUM HYDROXIDE			<1%
CAS number: 1310-73-2	EC number: 215-185-5		
Classification Skin Corr. 1A - H314			

NITOPROOF 600WB

2-BUTOXYETHANOL	<1%
CAS number: 111-76-2	EC number: 203-905-0
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No adverse effects known.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause irritation.
Eye contact	May cause irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
-----------------------------	------------------------

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	None known.
-------------------------	-------------

5.3. Advice for firefighters

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid or minimise the creation of any environmental contamination.

NITOPROOF 600WB

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

5-chloro-2-methyl-3(2H)-isothiazolone mixture with 2-Methyl-3(2H)-isothiazole

Long-term exposure limit (8-hour TWA): TWA 1.5 mg/m³

2,2'-OXYBISETHANOL

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

Short-term exposure limit (15-minute): WEL

DIURON (ISO)

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk)

Short-term exposure limit (15-minute): WEL 50 ppm(Sk)

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

CALCIUM CARBONATE(STEARATE COATED) 75 Nanometer (CAS: 471-34-1)

DNEL

Workers - Inhalation; Long term systemic effects: 10 mg/m³

TITANIUM DIOXIDE (CAS: 13463-67-7)

NITOPROOF 600WB

DNEL Industry - Inhalation; Long term local effects: 10 mg/m³
Consumer - Oral; Long term systemic effects: 700 mg/kg/day

PNEC

- Fresh water; 0.127 mg/l
- Sediment (Freshwater); >=1000 mg/kg
- marine water; 1 mg/l
- Sediment (Marinewater); >= 100 mg/kg
- Soil; 100 mg/kg
- STP; 100 mg/l

DIURON (ISO) (CAS: 330-54-1)

DNEL Workers - Dermal; Long term systemic effects: 5.79 mg/kg bw/day

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Workers - Inhalation; Long term local effects: 1 mg/m³

2-BUTOXYETHANOL (CAS: 111-76-2)

DNEL Workers - Dermal; : 98 mg/m³

PNEC

- Fresh water; 8.8 mg/l
- marine water; 0.88 mg/l
- Intermittent release; 9.1 mg/l
- STP; 463 mg/l

2-PHENOXYETHANOL (CAS: 122-99-6)

DNEL Workers - Inhalation; Long term systemic effects: 8.07 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Neoprene gloves are recommended.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

NITOPROOF 600WB

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pigmented
Odour	Slight.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not applicable.
Flash point	Not relevant.
Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Relative density	1.1 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Emulsible in water.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	No data available.
-------------------	--------------------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Hazardous polymerisation will not occur.
------------	--

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
-----------	--

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
------------------------------------	---

10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
---------------------	---

10.5. Incompatible materials

Materials to avoid	Strong acids.
--------------------	---------------

10.6. Hazardous decomposition products

NITOPROOF 600WB

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 100,000.0

Acute toxicity - dermal

ATE dermal (mg/kg) 50,000.0

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 330.0

Inhalation Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion May cause discomfort if swallowed.

Skin contact May cause skin irritation.

Eye contact May cause irritation.

Toxicological information on ingredients.

TITANIUM DIOXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 6.82

Species Rat

ATE inhalation (dusts/mists mg/l) 6.82

5-chloro-2-methyl-3(2H)-isothiazolone mixture with 2-Methyl-3(2H)-isothiazole

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,600.0

Species Rat

ATE oral (mg/kg) 100.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 3,500.0

NITOPROOF 600WB

Species Rabbit

ATE dermal (mg/kg) 50.0

Acute toxicity - inhalation

**Acute toxicity inhalation
(LC₅₀ dust/mist mg/l)** 0.33

Species Rat

**ATE inhalation
(dusts/mists mg/l)** 0.33

DIURON (ISO)

Acute toxicity - oral

**Acute toxicity oral (LD₅₀
mg/kg)** 4,150.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

**Acute toxicity dermal (LD₅₀
mg/kg)** 5,000.0

Species Rat

ATE dermal (mg/kg) 5,000.0

Acute toxicity - inhalation

**Acute toxicity inhalation
(LC₅₀ dust/mist mg/l)** 5.05

Species Rat

2-BUTOXYETHANOL

Acute toxicity - oral

**Acute toxicity oral (LD₅₀
mg/kg)** 1,414.0

Species Guinea pig

ATE oral (mg/kg) 1,414.0

Acute toxicity - dermal

**Acute toxicity dermal (LD₅₀
mg/kg)** 6,411.0

Species Guinea pig

ATE dermal (mg/kg) 1,100.0

Acute toxicity - inhalation

**Acute toxicity inhalation
(LC₅₀ gases ppmV)** 800.0

Species Rat

NITOPROOF 600WB

ATE inhalation (gases ppm) 4,500.0

2-PHENOXYETHANOL**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 1,850.0

Species Rat

ATE oral (mg/kg) 1,850.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,000.0

Species Rabbit

ATE dermal (mg/kg) 5,000.0

2-OCTYL-2H-ISOTHIAZOL-3-ONE**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 356.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 311.0

Species Guinea pig

ATE dermal (mg/kg) 300.0

SECTION 12: Ecological information**12.1. Toxicity****Ecological information on ingredients.****TITANIUM DIOXIDE****Acute aquatic toxicity**

Acute toxicity - fish LC₅₀, 96 hours: >1000 mg/l mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >100 mg/l mg/l, Daphnia magna

5-chloro-2-methyl-3(2H)-isothiazolone mixture with 2-Methyl-3(2H)-isothiazole**Acute aquatic toxicity**

LE(C)₅₀ 0.01 < L(E)C50 ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish LC₅₀, 96 hours: 0.19 mg/l, Oncorhynchus mykiss (Rainbow trout)

NITOPROOF 600WB

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.16 mg/l, Daphnia magna

Chronic aquatic toxicity

M factor (Chronic) 1

DIURON (ISO)

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 14.7 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1.4 mg/l, Daphnia magna

Chronic aquatic toxicity

M factor (Chronic) 10

2-BUTOXYETHANOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1474 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1550 mg/l, Daphnia magna

2-PHENOXYETHANOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 344 mg/l, Pimephales promelas (Fat-head Minnow)

2-OCTYL-2H-ISOTHIAZOL-3-ONE

Acute aquatic toxicity

LE(C)₅₀ 0.01 < L(E)C₅₀ ≤ 0.1

M factor (Acute) 10

Chronic aquatic toxicity

M factor (Chronic) 10

12.2. Persistence and degradability

Persistence and degradability Not determined.

12.3. Bioaccumulative potential

Ecological information on ingredients.

TITANIUM DIOXIDE

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility The product is miscible with water and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

NITOPROOF 600WB

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
Road transport notes	Not classified.
Rail transport notes	Not classified.
Sea transport notes	Not classified.
Air transport notes	Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance	Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

NITOPROOF 600WB

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	17/11/2019
Revision	3
Supersedes date	18/10/2015
Hazard statements in full	H301 Toxic if swallowed. H302 Harmful if swallowed. H310 Fatal in contact with skin. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H332 Harmful if inhaled. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains 5-chloro-2-methyl-3(2H)-isothiazolone mixture with 2-Methyl-3(2H)-isothiazole. May produce an allergic reaction.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.