



SAFETY DATA SHEET DEKGUARD PU100

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

1.1. Product identifier

Product name DEKGUARD PU100

Product number 1377010AE1

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

Identified uses Coating

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 Carc. 2 - H351

Environmental hazards Aquatic Chronic 3 - H412

Human health Contains a substance/a group of substances which may cause cancer.

Environmental Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.

DEKGUARD PU100

Precautionary statements	P202 Do not handle until all safety precautions have been read and understood. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P308+P313 IF exposed or concerned: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
Contains	SILICA FLOUR, NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD, AMMONIA ...%, DIURON (ISO)
Supplementary precautionary statements	P201 Obtain special instructions before use. P405 Store locked up.

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

SILICA FLOUR CAS number: 14808-60-7	5-10%
Classification Eye Irrit. 2 - H319 STOT SE 3 - H335	
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD CAS number: 64742-82-1 EC number: 265-185-4	5-10%
Classification Carc. 2 - H351 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
AMMONIA ...% CAS number: 1336-21-6 EC number: 215-647-6 M factor (Acute) = 1	<1%
Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400	

DEKGUARD PU100

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		

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 specific symptoms known.
Ingestion	May cause discomfort if swallowed.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

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	Does not decompose when used and stored as recommended. The product is not flammable. This product does not sustain combustion.
-------------------------	---

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known. Control run-off water by containing and keeping it out of sewers and watercourses. Use extinguishing media appropriate for surrounding fire.
---	--

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

DEKGUARD PU100

Environmental precautions The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

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. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling.

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.

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

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD

Long-term exposure limit (8-hour TWA): 20 ppm 116 mg/m³

Short-term exposure limit (15-minute): 50 ppm 290 mg/m³

DIURON (ISO)

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

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD (CAS: 64742-82-1)

DNEL Workers - Inhalation; systemic effects: 1300 mg/m³/ 15 mins

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

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

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation.

DEKGUARD PU100

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. Nitrile gloves are recommended.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Provide eyewash station. 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. Do not eat, drink or smoke when using this product.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
Environmental exposure controls	Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pigmented
Odour	Slight.
Odour threshold	Not available.
pH	8-10
Melting point	Not applicable.
Initial boiling point and range	>100°C @
Flash point	Not applicable.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Other flammability	Not applicable.
Vapour pressure	Not applicable.
Relative density	1.2-1.3 @ 20°C
Bulk density	Not available.
Solubility(ies)	Miscible in water
Partition coefficient	Not available.
Auto-ignition temperature	Product is not self igniting.
Decomposition Temperature	No decomposition if Used Correctly
Viscosity	100-150 Poises @ 20°C

DEKGUARD PU100

Explosive properties	Product does not present an explosion hazard.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	There are no chemical groups present in the product that are associated with oxidising properties.

9.2. Other information

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

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No dangerous reactions known if used as directed.
-------------------	---

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Hazardous polymerization will not occur.
---	--

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. Strong alkalis. Strong oxidising agents.
---------------------------	--

10.6. Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products when stored and handled correctly.
---	--

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	No specific symptoms known.
Ingestion	May cause discomfort if swallowed.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

AMMONIA ...%

Acute toxicity - oral

ATE oral (mg/kg)	500.0
-------------------------	-------

DIURON (ISO)

Acute toxicity - oral

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

Species	Rat
----------------	-----

DEKGUARD PU100

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

SECTION 12: Ecological Information

Ecotoxicity Harmful to aquatic life with long lasting effects.

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD

Ecotoxicity Toxic to aquatic life. May cause long lasting harmful effects to aquatic life.

12.1. Toxicity

AMMONIA ...%

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

DIURON (ISO)

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

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

Chronic aquatic toxicity

M factor (Chronic) 10

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No specific test data are available.

Partition coefficient Not available.

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.

DEKGUARD PU100

12.6. Other adverse effects

Other adverse effects Avoid discharge into drains or watercourses or onto the ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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).

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

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 date 21/05/2017

DEKGUARD PU100

Revision	4
Hazard statements in full	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. 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. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Supersedes date	29/10/2014
SDS number	11374

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.