

# SINGLE PACK FLOOR AND PAVING COATING

## SAFETY DATA SHEET



Conforms to the GHS Classification and Labelling of Chemicals – SANS 10234 and the South African Regulations for Hazardous Chemical Agents - 2021.  
Issue date: 16/07/2024 Date of revision: 16/07/2024 Version: 1.0.

### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name** : PROMINENT PAINT FLOOR AND PAVING  
**Product Description** : WATER-BASED ACRYLIC COATING FOR FLOOR AND PAVING  
**Product Code** :

#### Supplier Details

**Supplier/Manufacturer** : Prominent Paints  
**Address** : 11 Dan Jacobs Street  
Alrode, PO Box 136166, Alberton Noord 1456  
**Country** : South Africa  
**Telephone** : 0027 113 89 46 00  
**Fax** : 0027 113 89 46 41  
**E-mail** : [Customercare@prominentpaints.co.za](mailto:Customercare@prominentpaints.co.za).

#### Recommended use and restrictions on use

**Recommended use** : Coating for interior and exterior floors, pathways, garages, patios and paving, for consumer and professional applications, using airless spraying, brush and roller application methods.

**Uses advised against** : Do not apply to highly polished cement and gloss enamel floor paints which are not correctly prepared and etched. Do not apply to wet or damp surfaces, or if rainfall and dew formation is imminent.

#### Emergency Information

**Emergency numbers** : Poisoning: Tygerberg Poison Information Centre: 0861 555 777.  
Spill Response and Transport Incidents: Spill Tech: 086 100 0366.  
([www.spilltech.co.za](http://www.spilltech.co.za)).  
Product Properties and Hazards: +27 86 177 66 46.

### 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

This product is classified as hazardous according to the UN GHS Purple Book and the criteria in South Africa that includes the GHS Classification and Labelling of Chemicals – SANS10234, and the Regulations for Hazardous Chemical Agents - 2021.

Hazard Class	Hazard Category	Hazard Statement Number
Skin Sensitization	Category 1	H317

#### Label Elements

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Labelling according to UN GHS Purple Book, GHS classification and labelling of chemicals – SANS10234, and the South African Regulations for Hazardous Chemical Agents - 2021.

Hazard pictograms

:



GHS07

Signal Word

: Warning

Contains

: Acrylic polymer emulsion, polyurethane resin, levelers and pigments.

Hazard Statements

: H317: May cause allergic skin reaction.

Precautionary Statements

General

: P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

Prevention

: P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves, protective clothing, eye protection, and face protection.

Response

: P321 - Specific treatment – see Section 4 in this SDS.  
P302 + P352 - IF ON SKIN: Wash with plenty of water under the safety shower.  
P333 + P317 - If skin irritation or rash occurs, get medical help.  
P362 + P364 - Take off contaminated clothing and wash it before reuse.

Disposal

: P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### Other Hazards

The product is predicted to be a combustible liquid based on the presence of Propylene glycol monomethyl ether (1-Methoxy-2-propanol). This ingredient has a flash point of 31°C. The product is predicted to have a flash point > 60°C.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

**Mixture**

**Ingredients with hazard concerns:**

According to the UN GHS criteria (9<sup>th</sup> Edition of the Purple Book).

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Name of ingredient/product	Identifiers (e.g., CAS number)	Weight %	GHS classification
Ammonium Hydroxide	CAS 1336-21-6	< 0.5%	Skin corrosion/irritation, Category 1B. Aquatic toxicity Acute, Category 1. STOT SE, Category 3 (CNS).C ≥ 5 %.
2-Methyl-4-isothiazolin-3-one	CAS 2682-20-4	< 0.5%	Acute Toxicity Oral, Category 3. Acute Toxicity Dermal, Category 3. Acute Toxicity Inhalation, Category 2. Skin Corrosion/ Irritation, Category 1B. Eye Damage/Irritation, Category 1. Skin Sensitisation, Category 1A; C ≥ 0,0015 %.
1,2-Benzisothiazol-3(2H)-one, 2-methyl-	CAS 2527-66-4	< 0.1%	Acute Toxicity Oral, Category 3. Acute Toxicity Dermal, Category 4. Skin Corrosion/Irritation, Category 1C. Serious Eye Damage/Irritation, Category 1. Skin Sensitisation, Category 1A. C ≥ 0,0015 %.
Sodium Hydroxide	CAS 1310-73-2	< 1%	Skin Corrosion/Irritation, Category 1A.
Titanium Dioxide	CAS 13463-67-7	10 to 30 %.	Carcinogenicity, Category 2, Inhalation.(In powder mixtures).
Propylene glycol monomethyl ether (1-Methoxy-2-propanol)	CAS 107-98-2	< 5.0%	Flammable liquid, Category 3. STOT SE, Category 3.(CNS).
Phosphorus pentoxide	CAS 1314-56-3	< 1%	Skin Corrosion/Irritation, Category 1A. Serious Eye Damage/ Irritation, Category 1.
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one	CAS 55965-84-9	< 0.1%	Acute Toxicity Oral, Category 3. Acute Toxicity Dermal, Category 2. Acute Toxicity Inhalation, Category 2. Skin Corrosion/ Irritation, Category 1C. Eye Damage/Irritation, Category 1. Skin Sensitisation, Category 1A. Aquatic Toxicity Acute, Category 1. Aquatic Toxicity Chronic ,Category 1.

NOTE: The other ingredients do not cause or contribute toward the correct GHS classification of **SINGLE PACK FLOOR COATING** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed in the table above.

## 4 FIRST AID MEASURES

### Description of first aid measures

- First aid facilities : First aid kit; eye wash station; safety shower.
- General : Immediately remove contaminated clothing and remove the affected person from the contamination area.  
Never give anything by mouth to an unconscious person.  
Keep the affected person calm, warm and covered up.  
If feeling unwell, have been exposed or are concerned, seek medical advice (provide this SDS to medical personnel).  
First Aid personnel should always pay attention to their own safety and wear the appropriate personal protective equipment.
- Inhalation : Immediately remove the affected victim from exposure to an area with

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	fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Obtain medical attention in case of discomfort or irritation.
Skin contact	: Remove all contaminated clothing and shoes. Rinse the skin immediately with plenty of water for 15 to 20 minutes under the safety shower. Do not rub skin. Contact a poison control centre or medical practitioner if irritation occurs or persists.
Eye contact	: Immediately rinse/flush the eyes gently with water from the eye wash fountain for several minutes (at least 15 minutes), while holding the eyelids apart. If relevant, remove contact lenses if easy to do so. Continue rinsing. Obtain medical attention if irritation occurs and persists.
Ingestion	: Obtain immediate medical advice. If conscious, rinse mouth with water. DO NOT give anything by mouth to an unconscious or convulsing person. Do not induce vomiting unless directed to do so by a medical professional. Turn individual to lie on the side. If vomiting occurs, keep head low so that stomach content does not get into the lungs; have the victim lean forward with head down to avoid breathing in vomit. Treat symptomatically and supportively.

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

Symptoms/effects after skin/eye contact	: Contact or prolonged exposure could cause temporary skin swelling and redness to skin. Could cause eye irritation, and redness in case of splashing into eyes. May cause skin sensitization (allergic reaction).
Symptoms/effects after inhalation	: Could experience narcotic effects, such as dizziness or light-headedness, headaches and nausea. Irritation to the respiratory tract could be experienced.
Symptoms/effects after ingestion	: Exposure through ingestion could cause gastrointestinal irritation and nausea, and light-headedness.
Acute effects	: May experience skin allergies; Could experience dermal irritation, skin disorders, dizziness or light-headedness, nausea.
Delayed effects	: Delayed onset of skin disorders and skin erythema may be experienced.

### Indication of any immediate medical attention and special treatment needed

**Notes to physician:** No antidote is available. Treat symptomatically and supportively.

**Specific treatments:** No specific treatment required.

## 5 FIRE-FIGHTING MEASURES

Extinguishing media	: For small fires, use carbon dioxide, dry chemical, or water spray. Foam and dry chemicals are recommended to minimize the environmental impact. Do not use high volume water jets due to potential contamination. If water is used for firefighting, dike and collect water to prevent run-off from the site.
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Personal precautions, protective equipment, and emergency procedures : Do not enter the fire area without proper protective equipment, including respiratory protection - positive pressure self-contained breathing apparatus with a full-face mask.

Exercise caution when fighting any chemical fire. Remove ignition sources from immediate area. Evacuate the area. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles for medium to large fires. Use water spray or fog for cooling exposed containers. Remove unaffected containers from the area. Avoid inhaling hazardous vapours. and fumes. Keep upwind.

Prevent firefighting water from entering the waterways and drains. Contain fire control agents and fire residue for later safe disposal in accordance with local and national regulations.

Specific hazards arising from the chemical : Pyrolysis of the product in a fire may produce irritating or poisonous vapours (oxides of carbon, and acrylic monomers). Containers may explode if heated in a fire, at extreme temperatures.

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures : In case of large spills and if necessary, evacuate personnel to safe areas. Control access to the spill area. The product is a combustible liquid. Remove all ignition sources from the immediate area. Do not breathe in fumes, mist, or vapour and avoid contact with the eyes, skin and clothes. Ventilate the area of the spill or leak, especially when in confined areas. Do not touch or walk through spilled material. Contain spills if it can be done without risk. Wear appropriate protective clothing recommended in Section 8 of the SDS.

Environmental precautions : Isolate discharged material to prevent spread to other areas. Prevent entry to sewers and public waters in case of accidental spillage. Keep material out of water sources. Notify authorities if the product enters sewers or public waters or if the product causes soil or air pollution. In situations where the product comes in contact with water, contain contaminated water for later disposal. Minimise contact with soil and remediate heavily contaminated soil. Avoid uncontrolled release to the environment. Follow safe disposal procedures for the absorbed chemical spill and cleanup materials.

Methods and material for containment and cleaning up : Small spills - Remove all sources of ignition. Contain the spilled material. Apply enough non-combustible absorbent material (obtained from the spill kit) to completely cover the spilled product. Sweep up the absorbed spill from the outside towards the middle. Use non-sparking tools and scoop up with a shovel. Place the material in a leak-proof labelled container for disposal. Seal the container and dispose of the collected spilt material as hazardous waste. Wash contaminated surfaces to remove any residues. Keep the wash water out of drains, sewers, and waterways. Minimize use of water to prevent environmental contamination.

Large spills -

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Remove all sources of ignition. Prevent further spillage if it is safe to do so. Contain the spill with suitable non-combustible absorbent material supplied in the spill kit (e.g., absorbent cushions, socks, pads, etc.). Collect the spilt product in suitable containers for proper and responsible disposal. Note: Do not wash away into sewers. Flush spill area with water to remove any residues and contain the wash water. Keep product and wash water out of drains, sewers, ditches, and waterways. Dispose of the spill residues as hazardous waste.

- References :
- See Section 1 for emergency contact information.
  - See Section 7 for information on safe handling.
  - See Section 8 for exposure controls and personal protection.
  - See Section 13 for information on safe disposal.

## 7 HANDLING AND STORAGE

### Precautions for safe handling

- Precautions for safe handling :
- Prevent contact with eyes, skin, and clothing. Avoid the inhalation of particulates, spray, or mist arising from the application of the product. Wear protective clothing and equipment during handling as described in Section 8 of the SDS. Promptly remove product-contaminated clothing and change into clean clothing.

Always provide good ventilation in the work area. Install and identify emergency showers and eye-wash facility near the work/handling area.

Combustible liquid: Keep away from heat, open flames, sparks, hot surfaces and other ignition sources.

Keep containers closed when not in use. Do not permit smoking in use or storage areas. Store in well-ventilated areas.

- Hygiene measures :
- Do not eat, drink, or smoke when handling the product. Wash hands, forearms, and face thoroughly after handling. Regular cleaning of work areas and work clothing are recommended. Contaminated work clothing should not be allowed out of the workplace and should be thoroughly washed before re-use. Maintain good normal industrial hygiene and housekeeping practices in areas where the product is handled/stored.

### Conditions for safe storage, including any incompatibilities

- Storage conditions :
- Store locked up and out of reach of unauthorized persons. Store in its original labelled container in a dry, cool, and well-ventilated area. Do not store in direct sunlight. Protect containers from physical damage. Containers which have been opened must be carefully resealed and kept upright to prevent leakage and to maintain product stability. **Comply with the local regulations for storage for combustible liquids.**

- Incompatible products/materials :
- Keep away from oxidizing agents, strong acids and halogens.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Components with workplace control parameters – National Occupational Exposure Limits

This product, as supplied, **contains** ingredients for which an Occupational Exposure Limit has been established



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by the South African Department of Employment and Labour.

Component/Ingredient	Type	Control Parameter	Update	Basis
Sodium hydroxide	OEL- STEL/C	4 mg/m <sup>3</sup>	2021	South African RELs*
Propylene glycol monomethyl ether	OEL-eight- hour TWA	100 ppm	2021	South African RELs*
	OEL- STEL/C	200 ppm	2021	South African RELs*
Titanium Dioxide	OEL-eight- hour TWA	10mg/m <sup>3</sup>	2021	South African RELs*

- \*REL : Recommended Exposure Limit.
- OEL-STEL/C : Occupational Exposure Limit – short Term Exposure Limit /Ceiling Limit. Peak airborne concentration determined over the shortest analytically practicable period of time, which does not exceed 15 minutes.
- (V) : Vapour fraction
- (H) : Aerosol fraction
- (R) : Respirable fraction

### Exposure controls

#### Appropriate engineering controls

Use general or adequate local exhaust ventilation to maintain airborne concentrations and exposure as low as possible and within the legislated exposure limits. Ensure adequate ventilation in confined areas. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Ensure that control systems are properly designed and maintained.

#### General safety and hygiene measures

Handle the product in accordance with good industrial hygiene and safety practice.  
Eyewash fountains and safety showers should be available and easily accessible.  
Avoid contact with the skin, eyes and clothing and immediately remove all contaminated clothing.  
Do not breathe or inhale the vapours/spray/mist generated during handling.  
Keep the product away from food and drink.  
Wash the hands and/or face before breaks and at the end of the shift.

#### Personal Protective Equipment

- Respiratory protection : In operations where the risk assessment indicates that there could be a high level of exposure (e.g., when exposure to fumes, mist or spray is expected), an approved respirator (half/full face mask) with an organic vapour cartridge/canister or a supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form, and concentration.  
For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
- Skin and hand protection : Impervious chemical resistant gloves compliant with an approved standard are required (e.g., butyl rubber, nitrile, neoprene rubber, polyvinyl chloride). Supplier/manufacturer information on glove penetration time must be considered, as well as outcomes from risk assessments. In case of damage or signs of wear replace gloves immediately. It is recommended to use preventative skin protection (skin barrier cream).

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Impervious coveralls, apron, shoes, and socks are required to prevent skin contact and contamination of personal clothing. Overalls must be buttoned fully, and sleeves worn over the gloves.

Eye/Face protection : Safety eyewear compliant with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist, or vapours. Splash-proof safety goggles and a face-shield to prevent contact with the product, is recommended.

Signage and symbols



### Environmental exposure controls

Avoid release to the environment. Keep container closed when not in use. Appropriate engineering controls should be implemented to reduce emissions, where identified via risk assessments.

### Other exposure monitoring considerations

None have been identified.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid.
Colour	: White and various tinted colours.
Odour	: Characteristic faint odour.
Relative density	: 1.11.
pH	: 8.9.
Flammability	: Not determined.
Flash point (°C)	: >60°C (Predicted ; product not tested).
Solubility	: Soluble in water.
Viscosity, dynamic	: Not determined.
Viscosity, kinematic	: Kinematic (40°C): >21 mm <sup>2</sup> /s.
Initial boiling point and boiling range	: Not determined.
Melting point/freezing point	: Not determined.
Vapour pressure	: Not determined.
Decomposition temperature	: Not determined.
Dilution/Wash up/ Solubility(ies)	: Water. Partially soluble in cold water.
Oxidising properties:	: Not oxidizing.

## 10 STABILITY AND REACTIVITY

### Reactivity

The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### Chemical Stability

Stable under normal ambient conditions of use, storage, and transport.



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Considered stable at room temperature in unopened original packages and under normal dry storage conditions - **stable for 2 years**. Avoid extremes of temperature; below 0°C and above 40°C.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur. No additional information available.

### Conditions to avoid

Direct sunlight. Extremely high or low temperatures, moisture, and sources of ignition.

### Incompatible materials

Always perform a compatibility test before using with other products. Avoid halogens, strong acid and strong oxidizers.

### Hazardous decomposition products

May yield oxides of carbon and acrylic monomers when heated.

### Conditions to avoid

Direct sunlight. Extremely high or low temperatures, moisture, and sources of ignition.

## 11 TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

The product may be absorbed into the body by inhalation of vapour or spray and/or by ingestion. The product may come into contact with the skin or eyes.

### Information on toxicological effects

Product not tested. Classification is based on ingredients of the product as per GHS classification criteria.

#### Assessment of acute toxicity

There is no toxicological data available for the product. The individual concentration of each ingredient was considered to assess the toxicological effects.

Acute toxicity (oral) : Not classified.  
Acute toxicity (dermal) : Not classified.  
Acute toxicity (inhalation) : Not classified.

Product /Ingredient	Dose - Acute	Species	Calculation /Test Result
reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one	457 mg/kg	Rat - male	LD <sub>50</sub> Oral.
reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one	660 mg/kg	Rabbit - male	LD <sub>50</sub> Dermal
reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one	2.36 mg/L	Rat - male	LD <sub>50</sub> Inhalation

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

Serious eye damage/irritation : Based on available data, the classification criteria are not met.

Respiratory or skin sensitization : Based on available data, the classification criteria are met for skin sensitization.

The presence of acrylic emulsion and polyurethane may cause allergic reactions, which could result in either acute or delayed sensory effects such as red bumps, itching, burning, stinging and dryness.

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Germ cell mutagenicity	:	Based on available data, the classification criteria are not met.
Carcinogenicity	:	Based on available data, the classification criteria are not met.
Reproductive toxicity	:	Based on available data, the classification criteria are not met.
STOT- single exposure	:	Based on available data, the classification criteria are not met.
STOT- repeated exposure	:	Based on available data, the classification criteria are not met.
Aspiration hazard	:	Based on available data, the classification criteria are not met.
Potential adverse human health effects and symptoms	:	See Section 4.2.

## 12 ECOLOGICAL INFORMATION

### Toxicity

Ecology - water	:	No eco-toxicological data are available for the product. This ecological assessment is based on data available for the ingredients, which do not predict the product to be toxic to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	:	Not considered harmful to the aquatic environment, short term.
Hazardous to the aquatic environment, long-term (chronic)	:	Not considered harmful to the aquatic environment, long term.

### Assessment of aquatic toxicity :

Ingredient name	Species and Genus	Exposure (hours/days)	Result in fresh water and data source
Ammonia Hydroxide	Crustacea	48h	0.66mg/L (ECHA)
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one	Algae	48h	0.0052mg/L (ECHA)

### Persistence and degradability

Product: No product data available.

Components:

Titanium Dioxide : Biodegradability < 10%. Not readily biodegradable.

### Bioaccumulative potential

Product: No product data available.

Components:

Components with available data display low bioaccumulation potential.

### Mobility in soil

No product data available.

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### Other adverse effects (e.g. to other species)

No product data available.

## 13 DISPOSAL CONSIDERATIONS

- General considerations – waste handling and disposal : Do not contaminate rivers, dams or any other water sources with the product or used containers. Dispose in accordance with all local regulations. Do not contaminate water , soil or food by storage or disposal. Do not use empty containers for any other purpose. The product or empty containers must not be disposed of as part of general waste .
- Packaging disposal recommendations : Non-refillable container. Do not reuse or refill this container without appropriate washing. Thoroughly rinse container (or equivalent) promptly after emptying. Do not wash the wastewater down the drains. Collect all washings for safe disposal. Offer containers for recycling, if available. Recondition if appropriate or puncture and dispose of in a hazardous waste landfill, or by other procedures approved by the local authorities.
- Additional special precautions : Do not pour untreated waste or surplus products into public sewers, water storage systems or where there is any danger of run-off or seepage into water systems. Do not contaminate rivers, dams or any other water sources with the product or used containers.

## 14 TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / AND the product is not classified for transportation.

ADR	IMDG	IATA
<b>UN number</b>		
Not regulated	Not regulated	Not regulated
<b>UN proper shipping name</b>		
Not regulated	Not regulated	Not regulated
<b>Transport hazard class(es) and pictograms</b>		
Not regulated	Not regulated	Not regulated
<b>Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>Environmental hazards</b>		
Not regulated	Not regulated	Not regulated
<b>Special precautions for user</b>		
Ensure a serviced, working fire extinguisher is close by during unloading. Remove ignition sources or mitigate risks associated with ignition sources in areas where the product is handled..		

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### 15 REGULATORY INFORMATION

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

**Relevant regulatory information regarding authorization, Safety Data Sheets, Occupational Exposure Limits, Hazardous Substances, Dangerous Goods Transport and Waste.**

**South Africa:** Occupational Health and Safety Act 1993. Regulations for Hazardous Chemical Agents - 2021. Hazardous Substances Act, 1973 (Act No.15 of 1973). SANS11014:2010. Safety Data Sheet for Chemical Products – Content and Order of Sections. SANS10206: 2020. National Road Traffic Act, 1996 (Act No. 93 of 1996). SANS 10228:2022- The identification and classification of dangerous goods for transport by road and rail modes. National Environmental Management: Waste Act 59 of 2008.

### 16 OTHER INFORMATION

Data sources : ECHA, PubChem, Safe Work Australia, SDSs., 2004 IChemE.

Safety Data Sheet applicable for : South Africa /Southern Africa regions

**Full text of H- statements: if mentioned in Section 2 or Section 3.**

Flammable Liquid	Category 3 - H226: Flammable liquid and vapour.
Acute Toxicity Oral	Category 3 - H301: Toxic if swallowed.
Acute Toxicity Dermal	Category 3 - H311: Toxic in contact with skin.
Acute Toxicity Dermal	Category 4 - H312: Harmful in contact with skin
Acute Toxicity Inhalation	Category 2 - H330: Fatal if inhaled.
Skin Corrosion/Irritation	Category 1 - H314: Causes severe skin burns and eye damage. (A, B, C)
Serious Eye Damage/Irritation	Category 1 - H318: Causes serious eye damage.
Skin Sensitization	Category 1 - H317: May cause allergic skin reaction.
Carcinogenicity	Category 2 - H351: Suspected of causing cancer.
STOT SE: Central Nervous System	Category 3 - H336: May cause drowsiness or dizziness.
Aquatic Toxicity Acute	Category 1 - H400: Very toxic to aquatic life.
Aquatic Toxicity Chronic	Category 1 - H410: Very toxic to aquatic life with long lasting effects.

#### Key to Abbreviations

AND	European Provisions concerning the International Carriage of Dangerous Goods by inland Waterways
ADR	The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
COD	Chemical Oxygen Demand
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
LogPow	Logarithm of the octanol/water partition coefficient
LD50	Lethal Dose 50
LC50	Lethal Concentration 50
RID	The Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
UN	United Nations

#### EXCLUSION OF LIABILITY

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## SAFETY DATA SHEET



Conforms to the GHS Classification and Labelling of Chemicals – SANS 10234 and the South African Regulations for Hazardous Chemical Agents - 2021.  
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All information and instructions provided in this Safety Data Sheet (SDS) in respect of the substance is based on best available scientific and technical information, and on current national legislation as at the date indicated on this SDS and is presented in good faith.

The information provided in this SDS applies only to this product as sold, and not to any formulation or mix. It should be used only as directed, and any formulations or other use is the responsibility of the user of the product as formulated and/or mixed to investigate and establish any hazards or risks which may arise out of its use, wherever such user may be situated.

It is the legal responsibility of the person in receipt of this SDS, wherever such may be situated, to ensure that the information provided is communicated to, and understood by any person who may use or come in contact with the product in any place and in any manner whatsoever. If such recipient produces formulations or mixes using the product, then it is the recipient's sole responsibility to comply with the provisions of applicable regulations in respect of the provision of the necessary SDS, and/or to comply with any other applicable legislation

The information in this SDS is meant as a description of the safety requirements of our product – it is not to be considered as a guarantee of the product's properties.