



Gypsy 120 EC (Clethodim 120 g/l)

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010
Issue date: 8/30/2022 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form	: Mixture
Trade name	: Gypsy 120 EC (Clethodim 120 g/l)
Type of product	: Herbicide
CAS-No.	: 99129-21-2
Product group	: End product

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

Use of the substance/mixture	: Herbicide
Use of the substance/mixture	: Herbicide
Recommended uses and restrictions	: Post-emergence control of annual and perennial grasses in a wide range of broad-leaved crops.

1.3. Supplier's details

Supplier

Farm-Ag International (Pty) Ltd
Old Mill Industrial Park
61, Marshall Drive
P.O. Box 1523
4300 Mount Edgecombe – Durban KwaZulu Natal
South Africa
T 031 003 3486

1.4. Emergency telephone number

Emergency number	: 24 Hr Emergency Number: In case of Poisoning: Poison Information Helpline : 0861 555 777
	In case of Spillage: HAZMAT:0800 147 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Flammable liquids, Category 4	H227
Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 5	H313
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Acute Hazard, Category 2	H401
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H-statements: see section 16	

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2.2. Label elements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)

:



Signal word (GHS-ZA)

: Danger

Hazardous ingredients

: calcium dodecylbenzenesulphonate, Clethodim TC, Fatty alcohol polyoxyethylene ether, Solvent Naphtha

Hazard statements (GHS ZA)

: H227 - Combustible liquid
H302 - Harmful if swallowed.
H313 - May be harmful in contact with skin
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H373 - May cause damage to organs (Skin) through prolonged or repeated exposure (Dermal).
H411 - Toxic to aquatic life with long lasting effects.
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.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 - Do not vapours, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective clothing, eye protection, face protection, protective gloves.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a doctor.
P312 - Call a POISON CENTER, a doctor if you feel unwell.
P314 - Get medical attention if you feel unwell.
P321 - Specific treatment (see specific cleansing agent(s) on this label).
P330 - Rinse mouth.
P332+P313 - If skin irritation occurs: Get medical advice.
P333+P313 - If skin irritation or rash occurs: Get medical advice.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use carbon dioxide (CO₂), foam, D-powder to extinguish.
P391 - Collect spillage.
P403 - Store in a well-ventilated place.
P501 - Dispose of contents and container to an industrial incineration plant.

Precautionary statements (GHS ZA)

2.3. Other hazards

Other hazards not contributing to the classification

: By thermal decomposition, possibility of formation of toxic gases (sulfur oxide, phosphorus oxide, nitrogen oxide, carbon oxide, chlorides)

Adverse physicochemical, human health and environmental effects

: May cause cancer, May cause genetic defects (if swallowed), May cause damage to organs (Skin) through prolonged or repeated exposure (in contact with skin), May cause drowsiness or dizziness, Harmful in contact with skin, Causes skin irritation, May cause an allergic skin reaction, Causes serious eye damage, Toxic to aquatic life

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Solvent Naphtha	CAS-No.: 64742-94-5	$\geq 75 - < 80$	Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Eye Irrit. 2A, H319 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Clethodim TC	CAS-No.: 99129-21-2	$\geq 10 - < 15$	Acute Tox. 4 (Oral), H302 Acute Tox. Not classified (Dermal) Skin Sens. 1, H317 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
calcium dodecylbenzenesulphonate	CAS-No.: 26264-06-2	$\geq 5 - < 10$	Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 2, H401 Aquatic Chronic 4, H413
Fatty alcohol polyoxyethylene ether	CAS-No.: 9002-92-0	$\geq 1 - < 5$	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam.
Unsuitable extinguishing media	: Water jet.

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5.2. Special hazards arising from the substance or mixture

Fire hazard	: This product is flammable.
Explosion hazard	: No data available on indirect explosion hazard.
Reactivity in case of fire	: If the product is involved in a fire, it can release toxic chlorine gases.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Personal protection (Emergency response)	: Wear a mask, Wear respiratory protection, Protective clothing



SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Clean up any spills as soon as possible, using an absorbent material to collect it. Absorb spillage to prevent material damage. Do not allow contact with water. Do not handle until all safety precautions have been read and understood. Evacuate area. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Remove ignition sources.
Personal Precautions, Protective Equipment and Emergency Procedures	: Wear protective adapted equipment and take back non protected people. Withdrawal combustion and ignition sources and block bringing in oxygen (ventilation).

6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe vapours, spray.

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Cover spill with non combustible material, e.g.: sand/earth. Evacuate unnecessary personnel. Keep away from combustible material. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe vapours, spray. Do not get in eyes, on skin, or on clothing.
Hygiene measures	: Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	: Conditions to avoid: protect this product from light. Store in the closed original container in a dry, cool, well ventilated area out of direct sunlight. Incompatibility: Avoid contact with strong oxidant and strong reducing agent.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat. Store in a well-ventilated place. Keep container tightly closed.
Storage conditions	: Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.
Incompatible products	: Oxidizing agent. Strong reducing agent.
Maximum storage period	: 2 years

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Light yellow to brown liquid.

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Colour	: light yellow. Brown.
Odour	: Petroleum oil-like.
Odour threshold	: No data available
pH	: 4 – 4.7
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 74.9 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Density	: 0.9301 g/cm ³
Relative gas density	: No data available
Solubility	: Emulsifiable.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is not reactive under normal storage conditions.

10.2. Chemical stability

Stable under recommended conditions for safe storage.

10.3. Possibility of hazardous reactions

No hazardous reactions known under normal storage conditions.

10.4. Conditions to avoid

Protect this product from light. Store in the closed original container in a dry, cool, well ventilated area.

10.5. Incompatible materials

Avoid contact with strong oxidant and strong reducing agent.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : May be harmful in contact with skin.
Acute toxicity (inhalation) : Not classified

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ATE ZA (oral)	1313.81 mg/kg bodyweight
ATE ZA (Dermal)	2500 mg/kg bodyweight
Unknown acute toxicity (GHS ZA)Unknown acute toxicity (GHS ZA)	76.79% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 13.72% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

Clethodim TC (99129-21-2)

LD ₅₀ oral rat	1630 mg/kg Male rats
LD ₅₀ oral	1360 mg/kg Female rats
LD ₅₀ dermal rabbit	> 5000 mg/kg

calcium dodecylbenzenesulphonate (26264-06-2)

LD ₅₀ oral rat	1300 mg/kg bodyweight
LD ₅₀ dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity).

Fatty alcohol polyoxyethylene ether (9002-92-0)

LD ₅₀ oral rat	1000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))
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Solvent Naphtha (64742-94-5)

LD ₅₀ oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity)
LD ₅₀ dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity)

Skin corrosion/irritation : Causes skin irritation.
pH: 4 – 4.7
Serious eye damage/irritation : Causes serious eye damage.
pH: 4 – 4.7

calcium dodecylbenzenesulphonate (26264-06-2)

Additional information	100 mg/24 h Moderate
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs (Skin) through prolonged or repeated exposure (Dermal).

calcium dodecylbenzenesulphonate (26264-06-2)

LOAEL (oral, rat, 90 days)	200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
LOAEL (dermal, rat/rabbit, 90 days)	286 mg/kg bodyweight
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (dermal, rat/rabbit, 90 days)	< 286 mg/kg bodyweight.
	May cause damage to organs through prolonged or repeated exposure.

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Solvent Naphtha (64742-94-5)	
LOAEL (oral, rat, 90 days)	1250 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
LOAEL (dermal, rat/rabbit, 90 days)	200 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
LOAEC (inhalation, rat, vapour, 90 days)	4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)
NOAEL (oral, rat, 90 days)	625 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	2000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
NOAEC (inhalation, rat, vapour, 90 days)	2355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)
	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Clethodim TC (99129-21-2)	
LC50 - Fish [1]	67 mg/l Rainbow trout
LC50 - Fish [2]	> 120 mg/l Bluegill sunfish
EC50 - Crustacea [1]	> 120 mg/l
NOEC chronic crustacea	60 mg/l
Additional ecotoxicological information	Birds: Oral LD ₅₀ for bobwhite quail >2000 mg/kg. Dietary LC ₅₀ for mallard ducks >6000 mg/kg. Bees (LD ₅₀ , mg/bee) >100 (contact) Worms: LC ₅₀ for worms 454 mg/kg soil; NOEL 316 mg/kg soil.

calcium dodecylbenzenesulphonate (26264-06-2)

LC ₅₀ - Fish [1]	1.74 mg/l Test organisms (species)
NOEC (chronic)	0.253 mg/l Test organisms (species): other: Duration: '30 d'
NOEC chronic fish	0.23 mg/l Test organisms (species): other: Duration: '30 d'

Fatty alcohol polyoxyethylene ether (9002-92-0)

ErC ₅₀ algae	0.237 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value)
BCF - Fish [1]	81 (Pisces, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	1.937 (Experimental value, Equivalent or similar to OECD 107, 23 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.176 (log Koc, Experimental value)

Solvent Naphtha (64742-94-5)

LC ₅₀ - Fish [1]	8.41 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
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Solvent Naphtha (64742-94-5)

EC ₅₀ - Crustacea [1]	4.7 mg/l Test organisms (species): Daphnia magna
EC ₅₀ 72h - Algae [1]	12.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC ₅₀ 72h - Algae [2]	18.9 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

Gypsy 120 EC (Clethodim 120 g/l) (99129-21-2)

Persistence and degradability	No additional information available
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Fatty alcohol polyoxyethylene ether (9002-92-0)

Persistence and degradability	Readily biodegradable in water.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available
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Fatty alcohol polyoxyethylene ether (9002-92-0)

BCF - Fish [1]	81 (Pisces, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	1.937 (Experimental value, Equivalent or similar to OECD 107, 23 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.176 (log Koc, Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

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Mobility in soil	No additional information available
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Fatty alcohol polyoxyethylene ether (9002-92-0)

Partition coefficient n-octanol/water (Log Pow)	1.937 (Experimental value, Equivalent or similar to OECD 107, 23 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.176 (log Koc, Experimental value)
Ecology - soil	Low potential for adsorption in soil.

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

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SANS	IMDG	IATA
14.1. UN number		
1993	1993	Not applicable
14.2. Proper Shipping Name		
FLAMMABLE LIQUID, N.O.S. (contains clethodim 120 g/l)	FLAMMABLE LIQUID, N.O.S. (contains clethodim 120 g/l)	Not applicable
14.3. Transport hazard class(es)		
3	3	Not applicable
 	 	
14.4. Packing group		
III	III	Not applicable
14.5. Environmental hazards		
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
No supplementary information available		

14.6. Special precautions for user

SANS

Special provisions (SANS) : 223, 274
Limited quantities (SANS) : 5 L
Limited quantities (SANS) : 5 L
Packagings, large packagings and IBCs Packing instructions (SANS) : P001, IBC03, LP01
Portable tank and bulk containers instructions (SANS) : T4
Portable tank and bulk container special provisions (SANS) : TP1, TP29

IMDG

Special provisions (IMDG) : 223, 274, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : LP01, P001
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage) : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG) : A

IATA

No data available

14.7. 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 national regulations specific for the product

No additional information available

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SECTION 16: Other information

Issue date : 30/08/2022

Full text of H-statements

H226	Flammable liquid and vapour.
H227	Combustible liquid
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Safety Data Sheet (SDS), South Africa

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.