

Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 9 Issue date: 9/5/2023 Revision date: 8/23/2024 Supersedes: 9/5/2023 Version: 1.1

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

Product form Trade name	: Mixture : Dura - Hammertone
Type of product	: Coatings
Product code	: HAM
Product group	: Trade product

1.2. Other means of identification

No additional information available

1.1 GHS product identifier

1.3. Recommended use of the chemical and restrictions on use	ł.

Recommended use

: Light industrial coating applications

1.4. Supplier's details

Manufacturer

Dura Paints (Pty) Ltd. 5 Wakefield Road; Founders View South. P.O. Box 303 1610 Edenvale; Johannesburg – South Africa T 011 452 5221 Contact: Lizel Rosemann

1.5. Emergency phone number

Emergency number

: 079 494 2731 / 011 452 5221

SECTION 2: Hazard identification

2.1. GHS classification of the substance/mixture and any national or regional information

Classification according to the United Nations GHS

Flammable liquids, Category 2	H225
Acute toxicity (dermal), Category 5	H313
Acute toxicity (inhalation:dust,mist) Category 4	H332
Skin corrosion/irritation, Category 2	H315
Germ cell mutagenicity, Category 1B	H340
Carcinogenicity, Category 1B	H350
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Acute Hazard, Category 3	H402
Full text of H-statements: see section 16	
Adverse physicochemical, human health and : Highly flamma	able liquid

environmental effects

: Highly flammable liquid and vapour,May cause cancer,May cause genetic defects,May cause damage to organs through prolonged or repeated exposure,Harmful if inhaled,Harmful in contact with skin,Causes skin irritation,Harmful to aquatic life

2.2. GHS label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)

Signal word (GHS-ZA)



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Hazardous ingredients	: Xylene; ethylbenzene; Aluminium; Naphtha (petroleum), hydrodesulfurized heavy; Naphtha (petroleum), hydrotreated heavy
Hazard statements (GHS ZA)	: H225 - Highly flammable liquid and vapour
(H313 - May be harmful in contact with skin
	H315 - Causes skin irritation
	H332 - Harmful if inhaled
	H340 - May cause genetic defects (Dermal, Inhalation)
	H350 - May cause cancer (Inhalation)
	H373 - May cause damage to organs (respiratory system) through prolonged or repeated exposure (Inhalation)
	H402 - Harmful to aquatic life
Precautionary statements (GHS ZA)	: P102 - Keep out of reach of children.
	P103 - Read carefully and follow all instructions.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
	No smoking.
	P261 - Avoid breathing mist, spray, vapours, dust.
	P280 - Wear eye protection, protective clothing, protective gloves.
	P302+P352 - IF ON SKIN: Wash with plenty of soap and water
	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P332+P313 - If skin irritation occurs: Get medical advice/attention
	P501 - Dispose of container to recycling.
P-statements for label (GHS-ZA)	 P102 - Keep out of reach of children.; P103 - Read carefully and follow all instructions.; P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.; P261 - Avoid breathing mist, spray, vapours, dust.; P280 - Wear eye protection, protective clothing, protective gloves.; P302+P352 - IF ON SKIN: Wash with plenty of soap and water; IF INHALED: Remove person to fresh air and keep comfortable for breathing.; P332+P313 - If skin irritation occurs: Get medical advice/attention; P501 - Dispose of container to recycling.

2.3. Other hazards which do not result in classification or are not covered by the GHS

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to the United Nations GHS
Xylene	CAS-No.: 1330-20-7	21.067 – 36.335	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. Not classified (Inhalation:dust,mist) Skin Irrit. 2, H315 STOT RE Not classified Aquatic Chronic Not classified
ethylbenzene	CAS-No.: 100-41-4	0.023 – 3.315	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332 STOT RE 2, H373 Asp. Tox. 1, H304
Aluminium	CAS-No.: 7429-90-5	0.35 – 2.1	Acute Tox. Not classified (Oral) Acute Tox. 3 (Inhalation:dust,mist), H331 STOT RE 2, H373 Aquatic Acute 1, H400

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Name	Product identifier	%	Classification according to the United Nations GHS
Naphtha (petroleum), hydrodesulfurized heavy	CAS-No.: 64742-82-1	0.035 – 0.21	Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
Naphtha (petroleum), hydrotreated heavy	CAS-No.: 64742-48-9	0.035 – 0.21	Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304

SECTION 4: First aid measures			
4.1. Description of necessary 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. Call a poison center or a doctor if you feel unwell. 		
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.		
First-aid measures after eye contact	: Rinse eyes with water as a precaution.		
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.		
4.2. Most important symptoms/effect,	acute and delayed		
Symptoms/effects after inhalation	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.		
Symptoms/effects after skin contact	Irritation.		
Symptoms/effects after eye contact	: None under normal conditions.		
Symptoms/effects after ingestion	: None under normal conditions.		
4.3. Indication of immediate medical attention and special treatment needed, if necessary			

Treat symptomatically.

SECTION 5: Fire-fighting measures			
5.1. Suitable (and unsuitable) extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream.		
5.2. Specific hazards arising from the chemical			
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	 Highly flammable liquid and vapour. No direct explosion hazard. Toxic fumes may be released. 		
5.3. Special protective actions for fire-fighters			
Firefighting instructions Protection during firefighting	 Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. 		

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SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.		
6.1.1. For non-emergency personnel			
Protective equipment Emergency procedures	 Wear recommended personal protective equipment. No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/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	: Evacuate unnecessary personnel. Stop leak if safe to do so.		
6.2. Environmental precautions			
Avoid release to the environment. Notify authorities if product enters sewers or public waters.			
6.3. Methods and materials for containment and cleaning up			

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For containment	: Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
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.

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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. 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 dust/fume/gas/mist/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. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 	
Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.	
7.2. Conditions for safe storage, including any incompatibilities		
Technical measures Storage conditions Packaging materials	 Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Store always product in container of same material as original container. 	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Xylene (1330-20-7)	
South Africa - Occupational Exposure Limits (Res	tricted Limits)
Local name	Xylene, o-, m-, p- or mixed isomers
OEL eight hour TWA	300 ppm
RHCA - STEL/C	200 ppm
Remark	SKIN (danger of cutaneous absorption)
Regulatory reference	Government Notice No. R. 280, 2021
South Africa - Occupational Exposure Limits (Airb	orne Pollutants)
Local name	Xylene, o-, m-, p- or mixed isomers
OEL TWA	218 mg/m ³
	50 ppm
OEL STEL	435 mg/m ³
	100 ppm
Remark	Sk (Danger of cutaneous absorption)
Regulatory reference	Government Notice No. R 904
South Africa - Biological limit values	
Local name	Xylenes
BEI	1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift
Regulatory reference	Government Notice No. R. 280, 2021
ethylbenzene (100-41-4)	
South Africa - Occupational Exposure Limits (Res	tricted Limits)
Local name	Ethyl benzene
RHCA - STEL/C	40 ppm
Remark	CARC (denotes carcinogenicity, which is based on GHS categorisation, including category 1A, 1B), SKIN (danger of cutaneous absorption)
Regulatory reference	Government Notice No. R. 280, 2021
South Africa - Occupational Exposure Limits (Airb	orne Pollutants)
Local name	Ethyl benzene
OEL TWA	435 mg/m ³
	100 ppm
OEL STEL	545 mg/m ³
	125 ppm
Regulatory reference	Government Notice No. R 904
South Africa - Biological limit values	
Local name	Ethyl benzene
BEI	0.15 g/g creatinine Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: End of shift - Notations: Ns (non-specific)
Regulatory reference	Government Notice No. R. 280, 2021
8.2. Appropriate engineering controls	
Appropriate engineering controls :	Ensure good ventilation of the work station.

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

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8.3. Individual protection measures, such as personal protective equipment

Hand protection

: Protective gloves: Safety glasses

Eye protection

Skin and body protection

Respiratory protection

Personal protective equipment symbol(s)



- : Wear suitable protective clothing
- : [In case of inadequate ventilation] wear respiratory protection.

8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Colour	: Silver,Charcoal,Blue,Green
Odour	: Aromatic solvent like odour
Odour threshold	: No data available
рН	: No data available
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	:>-39.3-<-38.67 °C Xylene at 101 325 Pa:ECHA
Boiling point	:>136.16-<144.5 °C Xylene at 101 325 Pa:ECHA
Flash point	: ≈ 18 °C Xylene at 101 325 Pa : ECHA
Critical temperature	:>487.5-<488 °C Xylene at 101 325 Pa : ECHA
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability	: Highly flammable liquid and vapour.
Vapour pressure	: > 8.21 – < 11.057 hPa Xylene at 20-25 deg. C : ECHA
Vapour pressure at 50°C	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: > 0.95 – < 1 Varies with colour : TDS
Relative density of saturated gas/air mixture	: No data available
Density	: > 0.86 – < 0.88 g/cm³ Xylene at 25 deg C : ECHA
Relative gas density	: No data available
Solubility	: soluble in most organic solvents. insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: < 1 mm²/s @ 40 deg C
Viscosity, dynamic	: >0.581 – <0.76 mPa·s Xylene: ECHA
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
Physical state	: Liquid
Appearance	: Viscous liquid.

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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SECTION 10: Stability and Reactivity	
10.1. Reactivity	
Highly flammable liquid and vapour.	

10.2. Chemical Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects		
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Not classified May be harmful in contact with skin. Inhalation:dust,mist: Harmful if inhaled.	
Dura - Hammertone		
ATE ZA (Dermal)	3027.384 mg/kg bodyweight	
ATE ZA (dust, mist)	3.518 mg/l/4h	
Xylene (1330-20-7)		
LD50 oral rat	≈ 3523 mg/kg bodyweight	
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other:	
LC50 Inhalation - Rat	≈ 27.124 mg/l Source: ECHA	
ethylbenzene (100-41-4)		
LD50 oral rat	≈ 3500 mg/kg bodyweight Animal: rat	
Aluminium (7429-90-5)		
LD50 oral rat	> 15900 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
LC50 Inhalation - Rat	> 0.888 mg/l/4h Animal: rat, Animal sex: male, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)	
Naphtha (petroleum), hydrodesulfurized heavy (64742-82-1)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
Naphtha (petroleum), hydrotreated heavy (64742-48-9)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
Skin corrosion/irritation :	Causes skin irritation.	
Serious eye damage/irritation :	Not classified	

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Respiratory or skin sensitization :	Not classified
Germ cell mutagenicity :	May cause genetic defects (Dermal, Inhalation).
Carcinogenicity :	May cause cancer (Inhalation).
Reproductive toxicity :	Not classified
Reproductive toxicity :	Not classified
STOT-single exposure :	Not classified
STOT-repeated exposure :	May cause damage to organs (respiratory system) through prolonged or repeated exposure (Inhalation).
Xylene (1330-20-7)	
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90- Day Oral Toxicity)
ethylbenzene (100-41-4)	
NOAEL (oral, rat, 90 days) 75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Day Oral Toxicity Study in Rodents)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aluminium (7429-90-5)	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.05 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (subchronic, oral, animal/male, 90 days)	1034 mg/kg bodyweight Animal: dog, Animal sex: male, Guideline: OECD Guideline 409 (Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)
NOAEL (subchronic, oral, animal/female, 90 days)	1087 mg/kg bodyweight Animal: dog, Animal sex: female, Guideline: OECD Guideline 409 (Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Naphtha (petroleum), hydrodesulfurized hea	vy (64742-82-1)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified
Dura - Hammertone	
Viscosity, kinematic	< 1 mm²/s @ 40 deg C

SECTION 12: Ecological information

12.1. Toxicity		
Hazardous to the aquatic environment, short-term : (acute)	Harmful to aquatic life. Harmful to aquatic life. Not classified	
Xylene (1330-20-7)		
EC50 - Crustacea [1]	> 3.4 mg/l Test organisms (species): Ceriodaphnia dubia	
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'	
ethylbenzene (100-41-4)		
LC50 - Fish [1]	5.1 mg/l Test organisms (species): Menidia menidia	
EC50 72h - Algae [1]	5.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	

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ethylbenzene (100-41-4)	
EC50 72h - Algae [2]	4.9 mg/l Test organisms (species): Skeletonema costatum
EC50 96h - Algae [1]	3.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	7.7 mg/l Test organisms (species): Skeletonema costatum
LOEC (chronic)	1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
NOEC (chronic)	0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
Aluminium (7429-90-5)	
EC50 72h - Algae [1]	1.05 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.2 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
12.2. Persistence and degradability	
Dura - Hammertone	
Persistence and degradability	Rapidly degradable
Xylene (1330-20-7)	
Persistence and degradability	
ethylbenzene (100-41-4)	
Persistence and degradability	
Aluminium (7429-90-5)	
Persistence and degradability	
Naphtha (petroleum), hydrodesulfurized heav	y (64742-82-1)
Persistence and degradability	
Naphtha (petroleum), hydrotreated heavy (647	742-48-9)
Persistence and degradability	
12.3. Bioaccumulative potential	
Dura - Hammertone	
Bioaccumulative potential	No additional information available
12.4. Mobility in soil	
Dura - Hammertone	
Mobility in soil	No additional information available
12.5. Other adverse effects	
	Not classified No additional information available

SECTION 13: Disposal Considerations			
13.1. Disposal methods			
Regional waste regulation	: Disposal must be done according to official regulations.		
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.		
Sewage disposal recommendations	: Disposal must be done according to official regulations.		

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Product/Packaging disposal recommendations Additional information

: Disposal must be done according to official regulations.

: Flammable vapours may accumulate in the container. Do not re-use empty containers.

SECTION 14: Transport information

n accordance with SANS / IMDG / IATA		
SANS	IMDG	ΙΑΤΑ
14.1. UN number		
1307	1307	1307
14.2. UN Proper Shipping Name		
XYLENES	XYLENES	Xylenes
14.3. Transport hazard class(es)		· · · · ·
3	3	3
		3
14.4. Packing group, if applicable		1
	111	111
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		
14.6. Special precautions for user		
SANS Special provisions (SANS)	: 223	
imited quantities (SANS)	: 5 L	
imited quantities (SANS)	: 5L	
ackagings, large packagings and IBCs Packing	: P001, IBC03, LP01	
	. F001, IBC03, EF01	
nstructions (SANS)		
ortable tank and bulk containers instructions	: T2	
	. 12	
SANS) Portable tank and bulk container special provisions SANS)	: TP1	
Portable tank and bulk container special provisions SANS)		
Portable tank and bulk container special provisions SANS)	: TP1	
ortable tank and bulk container special provisions SANS) MDG pecial provisions (IMDG)	: TP1 : 223	
ortable tank and bulk container special provisions SANS) MDG pecial provisions (IMDG) imited quantities (IMDG)	: TP1 : 223 : 5 L	
Portable tank and bulk container special provisions SANS) MDG special provisions (IMDG) imited quantities (IMDG) excepted quantities (IMDG)	: TP1 : 223 : 5 L : E1	
Portable tank and bulk container special provisions SANS) MDG ipecial provisions (IMDG) imited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG)	: TP1 : 223 : 5 L : E1 : P001, LP01	
Average of the second s	: TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03	
ortable tank and bulk container special provisions SANS) MDG pecial provisions (IMDG) imited quantities (IMDG) xcepted quantities (IMDG) acking instructions (IMDG) 3C packing instructions (IMDG) ank instructions (IMDG)	: TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2	
ortable tank and bulk container special provisions SANS) MDG pecial provisions (IMDG) imited quantities (IMDG) xcepted quantities (IMDG) acking instructions (IMDG) 3C packing instructions (IMDG) ank instructions (IMDG) ank special provisions (IMDG)	: TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1	
MDG pecial provisions (IMDG) imited quantities (IMDG) ixcepted quantities (IMDG) acking instructions (IMDG) 3C packing instructions (IMDG) ank instructions (IMDG) ank special provisions (IMDG) mS-No. (Fire)	 : TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1 : F-E - FIRE SCHEDULE Echo - NON-WATH 	
ortable tank and bulk container special provisions SANS) MDG pecial provisions (IMDG) imited quantities (IMDG) xcepted quantities (IMDG) acking instructions (IMDG) aC packing instructions (IMDG) ank instructions (IMDG) ank special provisions (IMDG) mS-No. (Fire) mS-No. (Spillage)	: TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1	
MDG pecial provisions (IMDG) imited quantities (IMDG) ixcepted quantities (IMDG) ixcepted quantities (IMDG) acking instructions (IMDG) BC packing instructions (IMDG) ank instructions (IMDG) fank special provisions (IMDG) fank special provisions (IMDG) imS-No. (Fire) imS-No. (Spillage) itowage category (IMDG)	 : TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1 : F-E - FIRE SCHEDULE Echo - NON-WATH 	
MDG pecial provisions (IMDG) imited quantities (IMDG) ixcepted quantities (IMDG) ixcepted quantities (IMDG) acking instructions (IMDG) BC packing instructions (IMDG) ank instructions (IMDG) fank special provisions (IMDG) fank special provisions (IMDG) imS-No. (Fire) imS-No. (Spillage) itowage category (IMDG)	 : TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1 : F-E - FIRE SCHEDULE Echo - NON-WATH : S-D - SPILLAGE SCHEDULE Delta - FLAM 	
Average of the second s	 : TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1 : F-E - FIRE SCHEDULE Echo - NON-WATH : S-D - SPILLAGE SCHEDULE Delta - FLAM : A 	IMABLE LIQUIDS
Average category (IMDG) and special provisions (IMDG) imited quantities (IMDG) ixcepted quantities (IMDG) acking instructions (IMDG) acking instructions (IMDG) and instructions (IMDG) and special provisions (IMDG) imis-No. (Fire) imis-No. (Spillage) itowage category (IMDG) lash point (IMDG) properties and observations (IMDG)	 : TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1 : F-E - FIRE SCHEDULE Echo - NON-WATH : S-D - SPILLAGE SCHEDULE Delta - FLAM : A : 23°C to 30°C c.c. : Colourless liquids. Flashpoint: 23°C to 30°C 	IMABLE LIQUIDS
Portable tank and bulk container special provisions	 : TP1 : 223 : 5 L : E1 : P001, LP01 : IBC03 : T2 : TP1 : F-E - FIRE SCHEDULE Echo - NON-WATH : S-D - SPILLAGE SCHEDULE Delta - FLAM : A : 23°C to 30°C c.c. : Colourless liquids. Flashpoint: 23°C to 30°C 	IMABLE LIQUIDS

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PCA limited quantity max net quantity (IATA)	:	10L
PCA packing instructions (IATA)	:	355
PCA max net quantity (IATA)	:	60L
CAO packing instructions (IATA)	:	366
CAO max net quantity (IATA)	:	220L
Special provisions (IATA)	:	A3
ERG code (IATA)	:	3L

14.7. Transport in bulk according to IMO instructions

Not applicable

SECTION 15: Regulatory information

15.1	. Nationa	l regul	ations

15.1.1. OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

Prohibited Hazardous Chemical Agents

Not regulated

15.2. Safety, health, and environmental national regulations specific for the product

No additional information available

SECTION 16: Other information	
Issue date Revision date Supersedes	: 05/09/2023 : 23/08/2024 : 05/09/2023
Full text of H-statements:	
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H313	May be harmful in contact with skin

H315	Causes skin irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H340	May cause genetic defects
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H402	Harmful to aquatic life

Safety Data Sheet (SDS), South Africa (HCA)

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.