

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010 Issue date: 5/24/2024 Revision date: 5/24/2026 Version: 1.1

SECTION 1: Identification	
1.1. Product identifier	
Product form Trade name Type of product Product code Product group	 Mixture Sheen Natural Vinyl, Plastic & Rubber Care - Strawberry Vehicle Interior Aerosol Dashboard Spray Cleaner SH301 Trade product
1.2. Relevant identified uses of the substant	nce or mixture and uses advised against
Use of the substance/mixture Use of the substance/mixture	: Cleans and restores vinyl, plastic and rubber
1.3. Supplier's details	
Manufacturer Shield Chemicals (Pty) Ltd 9 London Rd Apex P.O. Box 1939 1501 Benoni – Gauteng South Africa T (011) 421 7111 Contact: Jayson Clark	
1.4. Emergency telephone number	
Emergency number	: (011) 421 7111
SECTION 2: Hazards identification	
2.1. Classification of the substance or mix	ture
Classification according to the United Nations GHSAerosol, Category 1H222;H229Skin corrosion/irritation, Category 2H315Skin sensitisation, Category 1H317Reproductive toxicity, Additional category, Effects on or via lactationH362Specific target organ toxicity – Single exposure, Category 3, NarcosisH336Specific target organ toxicity – Repeated exposure, Category 2H373Hazardous to the aquatic environment – Acute Hazard, Category 2H401Hazardous to the aquatic environment – Chronic Hazard, Category 2H411Full text of H-statements: see section 16Full text of H-statements: see section 16	
2.2. Label elements	

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)

Signal word (GHS-ZA) Hazardous ingredients Hazard statements (GHS ZA) : Danger

- : hexane, heptane, n-pentane, C11-C15 Isoalkanes
- : H222 Extremely flammable aerosol
 - H229 Pressurised container: May burst if heated
 - H315 Causes skin irritation
 - H317 May cause an allergic skin reaction

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Precautionary statements (GHS ZA)	 H336 - May cause drowsiness or dizziness H362 - May cause harm to breast-fed children H373 - May cause damage to organs through prolonged or repeated exposure H411 - Toxic to aquatic life with long lasting effects P203 - Obtain, read and follow all safety instructions before use. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P260 - Do not breathe dusts or mists. P261 - Avoid breathing mist, vapours. P263 - Avoid contact during pregnancy and while nursing. P274 - Use only outdoors or in a well-ventilated area. P277 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear eye protection, protective clothing, protective gloves. P324-P332 - IF ON SKIN: Wash with plenty of soap and water IF INHALED: Remove person to fresh air and keep comfortable for breathing. P318 - IF exposed or concerned, get medical advice. P319 - Get medical help if you feel unwell. P321 - Specific treatment (see on this label). P332+P317 - If skin irritation occurs: Get medical help. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C. P501 - Dispose of contents and container to a hazardous or special waste collection point.
2.3. Other hazards	
Adverse physicochemical, human health and environmental effects	: Highly flammable liquid and vapour, May cause harm to breast-fed children, May cause damage to organs through prolonged or repeated exposure, May cause drowsiness or dizziness, Harmful in contact with skin, Causes skin irritation, May cause an allergic skin

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
hexane	CAS-No.: 110-54-3	21.0 - 45.0	Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
butane, liquefied, under pressure	CAS-No.: 106-97-8	20.0 - 30.0	Flam. Gas 1, H220 Pyr. Gas Not classified Press. Gas (Liq.), H280 Acute Tox. Not classified (Inhalation:gas)

reaction, Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

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Name	Product identifier	%	Classification according to the United Nations GHS
heptane	CAS-No.: 142-82-5	10.0 - 15.0	Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
n-pentane	CAS-No.: 109-66-0	5.0 - 10.0	Flam. Liq. 2, H225 Acute Tox. 5 (Oral), H303 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Silicone	CAS-No.: 63148-62-9	1.0 - 5.0	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313
propane	CAS-No.: 74-98-6	10.0 - 20.0	Flam. Gas 1, H220 Pyr. Gas Not classified Press. Gas (Liq.), H280 Acute Tox. Not classified (Inhalation:gas) Aquatic Acute Not classified

SECTION 4: First aid measures		
4.1. Description of first aid measures	i de la companya de l	
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	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash 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 and e	ffects, both acute and delayed	
Symptoms/effects Symptoms/effects after skin contact	May cause drowsiness or dizziness.Irritation. May cause an allergic skin reaction.	
4.3. Indication of any immediate med	ical attention and special treatment needed	

Treat symptomatically.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard Hazardous decomposition products in case of fire	Highly flammable liquid and vapour.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.	

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SECTION 6: Accidental release measures		
6.1. Personal precautions, protective	equipment and emergency procedures	
No additional information available		
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe mist, vapours. Avoid contact with skin, eyes and clothing.	
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".	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for contain	ment 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.	

SECTION 7: Handling and stor	age
7.1. Precautions for safe handling	
Precautions for safe handling	: 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. Avoid contact during pregnancy/while nursing. Do not breathe mist, vapours. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing.
Hygiene measures	: 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.
7.2. Conditions for safe storage, in	ncluding any incompatibilities
Tachnical massures	· Cround/band container and receiving equipment

rechnical measures	. Ground bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hexane (110-54-3)	
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	n-Hexane
OEL TWA	70 mg/m ³
OEL TWA	20 ppm
Regulatory reference	Government Notice No. R 904
butane, liquefied, under pressure (106-97-8)	
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	n-Butane

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butane, liquefied, under pressure (106-	97-8)
OEL TWA	1430 mg/m ³
OEL TWA	600 ppm
OEL STEL	1780 mg/m ³
OEL STEL	750 ppm
Regulatory reference	Government Notice No. R 904
propane (74-98-6)	
South Africa - Occupational Exposure Limit	s (Airborne Pollutants)
Local name	Propane
OEL TWA	1800 mg/m ³
OEL TWA	1000 ppm
Regulatory reference	Government Notice No. R 904
8.2. Appropriate engineering controls	
Appropriate engineering controls Environmental exposure controls	Ensure good ventilation of the work station.Avoid release to the environment.
8.3. Individual protection measures, such	ch as personal protective equipment (PPE)
Hand protection Eye protection Skin and body protection Respiratory protection Personal protective equipment symbol(s):	 Protective gloves Safety glasses Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment



8.4. Exposure limit values for the other components

No additional information available

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: clear.
Odour	: Strawberry.
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	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability	: Not applicable
Vapour pressure	: No data available
Vapour pressure at 50°C	: No data available

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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	: No data available
Relative gas density	: No data available
Solubility	: No data available
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

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) hexane (110-54-3)	 Not classified Not classified Not classified
LD50 oral rat	16000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 3350 mg/kg bodyweight (Equivalent or similar to OECD 402, 4 h, Rabbit, Male, Read- across, Dermal)
LC50 Inhalation - Rat [ppm]	> 5000 ppm (Equivalent or similar to OECD 403, 24 h, Rat, Male, Experimental value, Inhalation (vapours))

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heptane (142-82-5)	
LD50 oral rat	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Read- across, Oral)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Dermal)
LC50 Inhalation - Rat	> 29.29 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours))
n-pentane (109-66-0)	
LD50 oral rat	> 2000 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LC50 Inhalation - Rat	> 20 mg/l air (4 h, Rat, Male / female, Experimental value, Inhalation (vapours))
butane, liquefied, under pressure (106-97-8)	
LC50 Inhalation - Rat	1442.738 – 1443 mg/l 15 MIN
LC50 Inhalation - Rat [ppm]	800000 ppm 15 MIN
Silicone (63148-62-9)	
LD50 oral rat	> 15400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
propane (74-98-6)	
LC50 Inhalation - Rat [ppm]	> 800000 ppm (15 minutes, Rat, Male / female, Experimental value, Inhalation (gases))
	Causes skin irritation.
Serious eye damage/irritation :	Not classified
Respiratory or skin sensitisation :	May cause an allergic skin reaction.
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	May cause harm to breast-fed children.
	May cause drowsiness or dizziness.
hexane (110-54-3)	
STOT-single exposure	Not available
heptane (142-82-5)	
STOT-single exposure	Not available
n-pentane (109-66-0)	
STOT-single exposure	Not available
STOT-repeated exposure :	May cause damage to organs through prolonged or repeated exposure.
hexane (110-54-3)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified
Sheen Natural Vinyl, Plastic & Rubber Care -	Strawberry
Vaporizer	Aerosol
hexane (110-54-3)	
Animal studies and expert judgment for classification	False
heptane (142-82-5)	
Animal studies and expert judgment for classification	False

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n-pentane (109-66-0)	
Animal studies and expert judgment for classification	False
butane, liquefied, under pressure (106-97-8)	
Animal studies and expert judgment for classification	False
Silicone (63148-62-9)	
Animal studies and expert judgment for classification	False
propane (74-98-6)	
Animal studies and expert judgment for classification	False

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short-term : (acute)	Toxic to aquatic life. Toxic to aquatic life with long lasting effects. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
hexane (110-54-3)	
BCF - Fish [1]	501.187 (Other, Pimephales promelas, QSAR)
Partition coefficient n-octanol/water (Log Pow)	4 (Experimental value, Equivalent or similar to OECD 107, 20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.34 (log Koc, QSAR)
heptane (142-82-5)	
BCF - Other aquatic organisms [1]	552 (BCFBAF v3.00, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	4.66 (Experimental value)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
n-pentane (109-66-0)	
LC50 - Fish [1]	4.26 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	2.7 mg/l (Other, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
ErC50 algae	10.7 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Scenedesmus sp., Static system, Fresh water, Experimental value, GLP)
BCF - Fish [1]	171 (Pimephales promelas, QSAR)
Partition coefficient n-octanol/water (Log Pow)	3.45 (Experimental value, Other, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.9 (log Koc, QSAR)
butane, liquefied, under pressure (106-97-8)	
LC50 - Fish [1]	1000 mg/l (96 h, Pimephales promelas, QSAR)
EC50 72h - Algae [1]	5.3 – 5.5 mg/l (Algae, QSAR)
Partition coefficient n-octanol/water (Log Pow)	2.89 (Experimental value)
propane (74-98-6)	
LC50 - Fish [1]	24 mg/l (96 h, Pisces, Literature study)

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propane (74-98-6)	
LC50 - Fish [2]	49.9 mg/l (96 h, Pisces, Fresh water, QSAR)
EC50 - Crustacea [1]	7 mg/l (48 h, Daphnia magna, Literature study)
BCF - Fish [1]	9 – 25 (Pisces, QSAR)
Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)
12.2. Persistence and degradability	
Sheen Natural Vinyl, Plastic & Rubber Care -	Strawberry
Persistence and degradability	No additional information available
hexane (110-54-3)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	3.52 g O ₂ /g substance
heptane (142-82-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.92 g O ₂ /g substance
Chemical oxygen demand (COD)	0.06 g O ₂ /g substance
ThOD	3.52 g O ₂ /g substance
BOD (% of ThOD)	> 0.5 (5 day(s), Literature study)
n-pentane (109-66-0)	
Persistence and degradability	Readily biodegradable in water.
butane, liquefied, under pressure (106-97-8)	
Persistence and degradability	Readily biodegradable in water.
propane (74-98-6)	
Persistence and degradability	Readily biodegradable in water.
12.3. Bioaccumulative potential	
Sheen Natural Vinyl, Plastic & Rubber Care -	Strawberry
Bioaccumulative potential	No additional information available
hexane (110-54-3)	
BCF - Fish [1]	501.187 (Other, Pimephales promelas, QSAR)
Partition coefficient n-octanol/water (Log Pow)	4 (Experimental value, Equivalent or similar to OECD 107, 20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.34 (log Koc, QSAR)
Bioaccumulative potential	Potential for bioaccumulation (500 \leq BCF \leq 5000).
heptane (142-82-5)	
BCF - Other aquatic organisms [1]	552 (BCFBAF v3.00, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	4.66 (Experimental value)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Bioaccumulative potential	Potential for bioaccumulation ($4 \ge Log$ Kow ≤ 5).

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Partial (10:000) 171 (Prinephales promales, QSAR) Partial coefficient i octanol/water (Log Pow) 3.45 (Experimental value, Other, 25 °C) Organic Carbon Normalized Adsorption Coefficient (Log Kow) 2.9 (log Koc, QSAR) Boaccumulative potential Low potential for bioaccumulation (Log Kow < 4). butane, liquefied, under pressure (10:0-97-8) Partian coefficient n-octanol/water (Log Pow) Boaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Boaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Boaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Boaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Partition coefficient n-octanol/water (Log Pow) 1:0:-2.8 (Experimental value, 20 °C) Boaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Partition coefficient n-octanol/water (Log Pow) 1:0:-2.8 (Experimental value, 20 °C) Boaccumulative potential No additional information available hobility in soil No additional information available hobility in soil 0.018 Nm (25 °C, 1 gi) Partition coefficient n-octanol/water (Log Pow) 4 (Experimental value, Equivalent or similar to OECD 107, 20 °C)	n-pentane (109-66-0)	
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Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.9 (og Koc, QSAR) Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).		
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Partition coefficient n-octanol/water (Log Pow) 2.89 (Experimental value) Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).	Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). propane (74-98-6) 9 – 26 (Pisces, OSAR) BCF - Fish [1] 9 – 26 (Pisces, OSAR) Partition coefficient n-octanol/water (Log Pow) 1.09 – 2.8 (Experimental value, 20 °C) Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).	butane, liquefied, under pressure (106-97-8)	
propane (74-98-6) BCF - Fish (1) 9 - 26 (Pisces, QSAR) Partition coefficient n-octanol/water (Log Pow) 1.09 - 2.8 (Experimental value, 20 °C) Blaaccumulative potential Low potential for bioaccumulation (Log Kow < 4).	Partition coefficient n-octanol/water (Log Pow)	2.89 (Experimental value)
BCF - Fish [1] 9 – 25 (Pisces, QSAR) Partition coefficient n-octanol/water (Log Pow) 1.09 – 2.8 (Experimental value, 20 °C) Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).	Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow) 1.09 – 2.8 (Experimental value, 20 °C) Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).	propane (74-98-6)	
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). 12.4. Mobility in soil Sheen Natural Vinyl, Plastic & Rubber Care - Strawberry Mobility in soil No additional information available hexane (110-54-3) Surface tension Surface tension 0.018 N/m (25 °C, 1 g/l) Partition coefficient n-octanol/water (Log Pow) 4 (Experimental value, Equivalent or similar to OECD 107, 20 °C) Organic Carbon Normalized Adsorption Coefficient (Log Koc) Low potential for mobility in soil. hetpane (142-82-5) Surface tension Surface tension 19.66 mN/m (25 °C) Partition coefficient n-octanol/water (Log Pow) 4.66 (Experimental value) Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.38 (log Koc, QSAR) Ecology - soil Low potential for adsorption in soil. heptanet (109-66-0) Sufface tension Surface tension 0.013 N/m (20 °C) Partition coefficient n-octanol/water (Log Pow) 3.45 (Experimental value, Other, 25 °C) Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.9 (log Koc, QSAR) Ecology	BCF - Fish [1]	9 – 25 (Pisces, QSAR)
12.4. Mobility in soil Sheen Natural Vinyl, Plastic & Rubber Care - Strawberry Mobility in soil No additional information available hexane (110-54-3) Surface tension 0.018 N/m (25 °C, 1 g/l) Partition coefficient n-octanol/water (Log Pow) 4 (Experimental value, Equivalent or similar to OECD 107, 20 °C) Organic Carbon Normalized Adsorption Coefficient (Log Koc) 3.34 (log Koc, QSAR) Ecology - soil Low potential for mobility in soil. heptane (142-82-5) Surface tension Surface tension 19.66 mN/m (25 °C) Partition coefficient n-octanol/water (Log Pow) 4.66 (Experimental value) Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.01 N/m (20 °C) Partition coefficient n-octanol/water (Log Pow) 3.45 (Experimental value, Other, 25 °C) Surface tension 0.013 N/m (20 °C) Partition coefficient n-octanol/water (Log Pow) 3.45 (Experimental value, Other, 25 °C) Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.9 (log Koc, OSAR) Cuog Koc) Sorgan Ecology - soil Low potential for adsorption in soil. buta	Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)
Sheen Natural Vinyl, Plastic & Rubber Care - Strawberry Mobility in soil No additional information available hexane (110-54-3) Surface tension 0.018 N/m (25 °C, 1 g/l) Partition coefficient n-octanol/water (Log Pow) 4 (Experimental value, Equivalent or similar to OECD 107, 20 °C) Organic Carbon Normalized Adsorption Coefficient (Log Koc, QSAR) 3.34 (log Koc, QSAR) Ecology - soil Low potential for mobility in soil. heptane (142-82-5) Surface tension Surface tension 19.66 mN/m (25 °C) Partition coefficient n-octanol/water (Log Pow) 4.66 (Experimental value) Organic Carbon Normalized Adsorption Coefficient (Log Koc, SRC PCKOCWIN v2.0, Calculated value) 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Organic Carbon Normalized Adsorption Coefficient (Log Koc, SRC PCKOCWIN v2.0, Calculated value) 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Organic Carbon Normalized Adsorption Coefficient (Log Koc, SRC PCKOCWIN v2.0, Calculated value) 2.33 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Partition coefficient n-octanol/water (Log Pow) 3.45 (Experimental value, Other, 25 °C) Organic Carbon Normalized Adsorption Coefficient (Log Koc, QSAR) 2.9 (log Koc, QSAR) Cology - soil Low potential for adsorption in so	Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
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Organic Carbon Normalized Adsorption Coefficient (Log Koc)2.9 (log Koc, QSAR)Ecology - soilLow potential for adsorption in soil.butane, liquefied, under pressure (106-97-8)Surface tension< 0.1 N/m (0 °C)	Surface tension	0.013 N/m (20 °C)
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Surface tension < 0.1 N/m (0 °C)	Ecology - soil	Low potential for adsorption in soil.
Partition coefficient n-octanol/water (Log Pow) 2.89 (Experimental value) Ecology - soil Not applicable (gas). propane (74-98-6)	butane, liquefied, under pressure (106-97-8)	
Ecology - soil Not applicable (gas). propane (74-98-6)	Surface tension	< 0.1 N/m (0 °C)
propane (74-98-6)	Partition coefficient n-octanol/water (Log Pow)	2.89 (Experimental value)
	Ecology - soil	Not applicable (gas).
Surface tension 0.016 N/m (-47 °C)	propane (74-98-6)	
	Surface tension	0.016 N/m (-47 °C)

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according to SANS 10234:2019 and SANS 11014:2010

propane (74-98-6)	
Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)
Ecology - soil	Not applicable (gas).
12.5. Other adverse effects	
Ozone Other adverse effects	Not classifiedNo additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods Additional information Dispose of contents/container in accordance with licensed collector's sorting instructions.Flammable vapours may accumulate in the container.

SECTION 14: Transport information

SANS	IMDG	ΙΑΤΑ
14.1. UN number		
1950	1950	1950
14.2. Proper Shipping Name		
AEROSOLS	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)		
2.1	2.1	2.1
14.4. Packing group		
Not applicable	Not applicable	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		1

SANS

SANS	
Special provisions (SANS)	: 63, 190
Limited quantities (SANS)	: See SP277
Limited quantities (SANS)	: See SP277
Packagings, large packagings and IBCs Packing	: P003
instructions (SANS)	
Packagings, large packagings and IBCs Special	: PP17, PP87
packing instructions (SANS)	
IMDG	
Special provisions (IMDG)	: 63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG)	: P207, LP200
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES

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according to SANS 10234:2019 and SANS 11014:2010

EmS-No. (Spillage) Stowage category (IMDG) Stowage and handling (IMDG) Segregation (IMDG)	 S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE) None SW1, SW22 SG69
ΙΑΤΑ	
PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

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

SECTION 16: Other information

Issue date	:	24/05/2024
Revision date	:	24/05/2026

Full text of H-statements		
H220	Extremely flammable gas	
H225	Highly flammable liquid and vapour	
H226	Flammable liquid and vapour	
H280	Contains gas under pressure; may explode if heated	
H302	Harmful if swallowed	
H303	May be harmful if swallowed	
H304	May be fatal if swallowed and enters airways	
H312	Harmful in contact with skin	
H313	May be harmful in contact with skin	
H314	Causes severe skin burns and eye damage	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H336	May cause drowsiness or dizziness	
H362	May cause harm to breast-fed children	
H373	May cause damage to organs through prolonged or repeated exposure	
H400	Very toxic to aquatic life	
H401	Toxic to aquatic life	

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

Full text of H-statements		
H402	Harmful 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	

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.