

SECTION 1: Identification

1.1. Product identifier

Product form	: Mixture
Trade name	: SWEET PEA & VANILLA 332710 BB
Type of product	: Perfumes, Fragrances
Product group	: Trade product

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

Use of the substance/mixture	: Perfumes, Fragrances
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1.3. Supplier's details

Manufacturer

Sensetek
24 Village Crescent, Linbro Business Park ,
Sandton ,
2065 Gauteng , - South Africa
T +27 11 608 4944/5
Mike.capon@sensetek.biz - <http://sensetek.co.za/>

1.4. Emergency telephone number

Emergency number	: +27 83 382 1905
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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 5	H303
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Skin sensitisation, Category 1	H317
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	

2.2. Label elements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)	: 
Signal word (GHS-ZA)	: Warning
Hazardous ingredients	: Benzyl benzoate; Vanillin; Linalool; Phenethyl alcohol; Benzyl acetate; Terpeneol; alpha-Amyl trans-Cinnamaldehyde; Linalyl acetate; di-Citronellol; Hydroxycitronellal; Piperonal; Nerolidol (isomer unspecified); 2-Methyl-3-(p-isopropylphenyl)propionaldehyde
Hazard statements (GHS ZA)	: H227 - Combustible liquid H303 - May be harmful if swallowed H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (GHS ZA)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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According to SANS 10234:2019 and SANS 11014:2010

P261 - Avoid breathing fume, mist, spray, vapours.
P264 - Wash hands, forearms and face thoroughly after handling.
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.
P302+P352 - IF ON SKIN: Wash with plenty of 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.
P312 - Call a doctor if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical attention.
P333+P313 - If skin irritation or rash occurs: Get medical attention.
P337+P313 - If eye irritation persists: Get medical attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use dry extinguishing powder, carbon dioxide (CO₂), foam to extinguish.
P391 - Collect spillage.
P403 - Store in a well-ventilated place.
P501 - Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Adverse physicochemical, human health and environmental effects : Harmful if swallowed, Causes skin irritation, May cause an allergic skin reaction, Causes serious eye irritation, Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Benzyl benzoate	CAS-No.: 120-51-4	12.8608	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Linalool	CAS-No.: 78-70-6	6 – 12	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 3, H402
Phenethyl alcohol	CAS-No.: 60-12-8	3 – 6	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313
Benzyl acetate	CAS-No.: 140-11-4	0.6 – 3	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Aquatic Acute 2, H401 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to the United Nations GHS
Terpineol	CAS-No.: 8000-41-7	0.6 – 3	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
alpha-Amyl trans-Cinnamaldehyde	CAS-No.: 78605-96-6	0.6 – 3	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7	0.6 – 3	Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 3, H402
dl-Citronellol	CAS-No.: 106-22-9	0.6 – 3	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
Hydroxycitronellal	CAS-No.: 107-75-5	0.6 – 3	Flam. Liq. Not classified Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 3, H402
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	CAS-No.: 63500-71-0	0.6 – 3	Flam. Liq. Not classified Eye Irrit. 2A, H319
Vanillin	CAS-No.: 121-33-5	2.296	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Piperonal	CAS-No.: 120-57-0	0.06 – 0.6	Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) Skin Sens. 1B, H317 Aquatic Acute 2, H401
Nerolidol (isomer unspecified)	CAS-No.: 7212-44-4	0.06 – 0.6	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Sens. 1B, H317 Aquatic Acute 2, H401 Aquatic Chronic 1, H410
2-Methyl-3-(p-isopropylphenyl)propionaldehyde	CAS-No.: 103-95-7	0.06 – 0.6	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412

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According to SANS 10234:2019 and SANS 11014:2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: 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. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

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. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible liquid.
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.
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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. Avoid contact with skin and eyes. Avoid breathing fume, mist, spray, vapours.
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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".
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6.2. Environmental precautions

Avoid release to the environment.

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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Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

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. Avoid contact with skin and eyes. Avoid breathing fume, mist, spray, vapours.
- 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, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.

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 insufficient ventilation, wear suitable respiratory equipment

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 : No data available
- Colour : No data available
- Odour : characteristic.
- Odour threshold : No data available
- pH : 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 (solid, gas) : Not applicable

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According to SANS 10234:2019 and SANS 11014:2010

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	: 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 explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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)	: May be harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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ATE ZA (oral)	4799.847 mg/kg bodyweight
Benzyl benzoate (120-51-4)	
LD50 oral rat	2000 mg/kg bodyweight
LD50 oral	1500 mg/kg bodyweight
LD50 dermal rabbit	2 ml/kg

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According to SANS 10234:2019 and SANS 11014:2010

Benzyl benzoate (120-51-4)	
LD50 dermal	4000 mg/kg bodyweight
Vanillin (121-33-5)	
LD50 oral	3500 mg/kg bodyweight
LD50 dermal rat	2000 mg/kg bodyweight
Linalool (78-70-6)	
LD50 oral	2790 mg/kg bodyweight
LD50 dermal rabbit	5610 mg/kg bodyweight
Phenethyl alcohol (60-12-8)	
LD50 oral	1610 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight
Terpineol (8000-41-7)	
LD50 oral	4300 mg/kg bodyweight
Benzyl acetate (140-11-4)	
LD50 oral	2490 mg/kg bodyweight
alpha-Amyl trans-Cinnamaldehyde (78605-96-6)	
LD50 oral	3730 mg/kg bodyweight
Linalyl acetate (115-95-7)	
LD50 oral rat	9000 mg/kg (ECHA, 2021)
LD50 dermal rabbit	5000 mg/kg (ECHA, 2021)
Nerolidol (isomer unspecified) (7212-44-4)	
LD50 oral rat	2610 mg/kg (ECHA, 2021)
LD50 dermal rabbit	5000 mg/kg (ECHA, 2021)
Piperonal (120-57-0)	
LD50 oral rat	2700 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2350 - 3100
LD50 oral	2700 mg/kg bodyweight
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: other:IFF Protocol No. DLD (9/7/79) supplied by International Flavors & Fragrances, Inc., Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7)	
LD50 oral	3810 mg/kg bodyweight
dl-Citronellol (106-22-9)	
LD50 oral	3450 mg/kg bodyweight
LD50 dermal	2650 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
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	: Not classified

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According to SANS 10234:2019 and SANS 11014:2010

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

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.

Benzyl benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l
EC50 - Crustacea [1]	3.09 mg/l
Partition coefficient n-octanol/water (Log Pow)	3.97
Vanillin (121-33-5)	
LC50 - Fish [1]	83.7 (57 – 123) mg/l
EC50 - Crustacea [1]	36.79 mg/l
EC50 72h - Algae [1]	120 mg/l
Partition coefficient n-octanol/water (Log Pow)	1.17
Linalool (78-70-6)	
LC50 - Fish [1]	27.8 mg/l
EC50 - Crustacea [1]	59 mg/l
Partition coefficient n-octanol/water (Log Pow)	2.9
Linalyl acetate (115-95-7)	
EC50 - Other aquatic organisms [1]	59 mg/l (ECHA, 2021)
Nerolidol (isomer unspecified) (7212-44-4)	
LC50 - Fish [1]	1.43 mg/l
EC50 72h - Algae [1]	2 mg/l
Piperonal (120-57-0)	
LC50 - Fish [1]	2.5 mg/l Test organisms (species): <i>Cyprinus carpio</i>
EC50 - Crustacea [1]	52 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 72h - Algae [1]	31 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>)
EC50 72h - Algae [2]	6.8 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>)

12.2. Persistence and degradability

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Persistence and degradability : No additional information available

12.3. Bioaccumulative potential

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Bioaccumulative potential : No additional information available

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According to SANS 10234:2019 and SANS 11014:2010

Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97
Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.17
Linalool (78-70-6)	
Partition coefficient n-octanol/water (Log Pow)	2.9

12.4. Mobility in soil

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Mobility in soil	No additional information available
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97
Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.17
Linalool (78-70-6)	
Partition coefficient n-octanol/water (Log Pow)	2.9

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.

SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

SANS	IMDG	IATA
14.1. UN number		
3082	3082	3082
14.2. Proper Shipping Name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	Environmentally hazardous substance, liquid, n.o.s.
14.3. Transport hazard class(es)		
9	9	9
14.4. Packing group		
III	III	III

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Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

SANS	IMDG	IATA
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)	: 179, 274, 331, 335
Limited quantities (SANS)	: 5 L
Limited quantities (SANS)	: 5 L
Packagings, large packagings and IBCs Packing instructions (SANS)	: P001, IBC03, LP01
Packagings, large packagings and IBCs Special packing instructions (SANS)	: PP1
Portable tank and bulk containers instructions (SANS)	: T4
Portable tank and bulk container special provisions (SANS)	: TP1, TP29

IMDG

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A

IATA

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

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

Regulatory reference	: SANS 10234:2019; SANS 11014:2010; SANS 10228:2012; SANS 10229:2010; SANS 10232(1,2,4), SANS 10231:2018; Occupational Health and Safety Act 85 of 1993; National Road Traffic Act 93 of 1996.
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SECTION 16: Other information

Issue date	: 17/05/2021
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According to SANS 10234:2019 and SANS 11014:2010

Full text of H-statements	
H227	Combustible liquid
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life
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.