# Mr sheen wood polish sandalwood

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010
Issue date: 11/14/2022 Revision date: 11/14/2024

## SECTION 1: Identification

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Trade name | : | Mr sheen wood polish sandalwood |
| Type of product | : | Wood polish |
| Product code | : | SH1673 |
| Product group | : | Trade product |

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

Use of the substance/mixture :

### 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 mixture

**Classification according to the United Nations GHS**

Aerosol, Category 1 H222;H229
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) : Danger
Hazard statements (GHS ZA) : H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
Precautionary statements (GHS ZA) : 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.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to the United Nations GHS |
|---|---|---|---|
| butane, liquefied, under pressure | CAS-No.: 106-97-8 | 34.92 | Flam. Gas 1, H220<br>Pyr. Gas Not classified<br>Press. Gas (Liq.), H280<br>Acute Tox. Not classified (Inhalation:gas)<br>Aquatic Acute 2, H401 |
| propane | CAS-No.: 74-98-6 | 1.2 | Flam. Gas 1, H220<br>Pyr. Gas Not classified<br>Press. Gas (Liq.), H280<br>Acute Tox. Not classified (Inhalation:gas)<br>Aquatic Acute Not classified |
| linalool | CAS-No.: 78-70-6 | 0.096 – 0.132 | Flam. Liq. 4, H227<br>Acute Tox. Not classified (Dermal)<br>Skin Sens. 1B, H317 |

## 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 the victim into fresh air. Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Wash immediately with lots of water (15 minutes)/shower.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : If you feel unwell, seek medical advice.

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

No additional information available

### 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 : Carbon dioxide. Sand. Foam. Dry powder. Quantities of water.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Contains gas under pressure; may explode if heated.

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.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Clean up any spills as soon as possible, using an absorbent material to collect it.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment. Protective goggles. Protective clothing.

Emergency procedures : Avoid contact with skin, eyes and clothing. Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

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 : Avoid contact with skin, eyes and clothing. Contaminated work clothing should not be allowed out of the workplace. Do not discharge the waste into the drain. Do not eat, drink or smoke when using this product. Do not breathe vapours. Do not handle until all safety precautions have been read and understood. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Do not use compressed air for pumping over. Do not subject to grinding,shock, friction. Finely divided: keep away from ignition sources/sparks. Flammable vapours may accumulate in the container. Handle and open container with care. Keep away from ignition sources/sparks. Keep away from naked flames/heat. Keep container tightly closed. Keep only in original container. No open flames. No smoking. Obtain special instructions before use. Reduce/avoid exposure and/or contact.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wear personal protective equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in tightly closed, leak-proof containers. Store in a well-ventilated place. Keep container tightly closed.

Storage conditions : Protect from sunlight. Store in a well-ventilated place. Store in corrosive resistant container with a resistant inner liner.

Storage area : Keep container in a well-ventilated place. Keep out of direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| butane, liquefied, under pressure (106-97-8) | |
|---|---|
| **South Africa - Occupational Exposure Limits (Airborne Pollutants)** | |
| Local name | n-Butane |
| OEL TWA | 1430 mg/m³ |
| OEL TWA [ppm] | 600 ppm |
| OEL STEL | 1780 mg/m³ |

| butane, liquefied, under pressure (106-97-8) | |
|---|---|
| OEL STEL [ppm] | 750 ppm |
| Regulatory reference | Government Notice No. R 904 |

| propane (74-98-6) | |
|---|---|
| **South Africa - Occupational Exposure Limits (Airborne Pollutants)** | |
| Local name | Propane |
| OEL TWA | 1800 mg/m³ |
| OEL TWA [ppm] | 1000 ppm |
| Regulatory reference | Government Notice No. R 904 |

### 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)

Materials for protective clothing :

Hand protection : Protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : 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 : Clear, thin lquid.

Colour : Colourless.

Odour : As per standard. Sandalwood.

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 : No data available

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 : Extremely flammable aerosol.

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 | : | Pressurised container: May burst if heated. |
| 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

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |
| Acute toxicity (inhalation) | : | Not classified |

| linalool (78-70-6) | |
|---|---|
| LD50 oral rat | 2790 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 oral | ≈ 2790 mg/kg |
| LD50 dermal rabbit | 5610 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s)) |

| 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 |

| propane (74-98-6) | |
|---|---|
| LC50 Inhalation - Rat [ppm] | > 800000 ppm (15 minutes, Rat, Male / female, Experimental value, Inhalation (gases)) |

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

| Mr sheen wood polish sandalwood | |
|---|---|
| Vaporizer | Aerosol |

| linalool (78-70-6) | |
|---|---|
| Animal studies and expert judgment for classification | False |

| butane, liquefied, under pressure (106-97-8) | |
|---|---|
| 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

Ecology - general : Harmful to aquatic life.
Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long–term (chronic) : Not classified

| linalool (78-70-6) | |
|---|---|
| LC50 - Fish [1] | 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) |
| EC50 - Crustacea [1] | 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) |
| ErC50 algae | 156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration) |
| Partition coefficient n-octanol/water (Log Pow) | 2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |

| 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) |
| 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) |

| propane (74-98-6) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 1.09 – 2.8 (Experimental value, 20 °C) |

## 12.2. Persistence and degradability

| Mr sheen wood polish sandalwood | |
|---|---|
| Persistence and degradability | No additional information available |

| linalool (78-70-6) | |
|---|---|
| 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

| Mr sheen wood polish sandalwood | |
|---|---|
| Bioaccumulative potential | No additional information available |

| linalool (78-70-6) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| butane, liquefied, under pressure (106-97-8) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.89 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| propane (74-98-6) | |
|---|---|
| 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). |

## 12.4. Mobility in soil

| Mr sheen wood polish sandalwood | |
|---|---|
| Mobility in soil | No additional information available |

| linalool (78-70-6) | |
|---|---|
| Surface tension | 8.3 mN/m (20 °C, ISO 9101: Surface active agents - Determination of interfacial tension) |
| Partition coefficient n-octanol/water (Log Pow) | 2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
| Ecology - soil | No (test)data on mobility of the substance available. |

| butane, liquefied, under pressure (106-97-8) | |
|---|---|
| Surface tension | < 0.1 N/m (0 °C) |
| Partition coefficient n-octanol/water (Log Pow) | 2.89 (Experimental value) |
| Ecology - soil | Not applicable (gas). |

| propane (74-98-6) | |
|---|---|
| Surface tension | 0.016 N/m (-47 °C) |
| Partition coefficient n-octanol/water (Log Pow) | 1.09 – 2.8 (Experimental value, 20 °C) |

| propane (74-98-6) | |
|---|---|
| Ecology - soil | Not applicable (gas). |

### 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** | | |
| 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 : No | Dangerous for the environment : No<br>Marine pollutant : No | Dangerous for the environment : No |
| No supplementary information available | | |

### 14.6. Special precautions for user

**SANS**

Special provisions (SANS) : 63, 190
Limited quantities (SANS) : See SP277
Limited quantities (SANS) : See SP277
Packagings, large packagings and IBCs Packing instructions (SANS) : P003
Packagings, large packagings and IBCs Special packing instructions (SANS) : PP17, PP87

**IMDG**

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG) : SP277
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)

Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

**IATA**

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

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| Full text of H-statements | |
|---|---|
| H220 | Extremely flammable gas |
| H226 | Flammable liquid and vapour |
| H227 | Combustible liquid |
| H280 | Contains gas under pressure; may explode if heated |
| H301 | Toxic if swallowed |
| 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 |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| 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 |

| Full text of H-statements | |
|---|---|
| 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.