



# Sheen wipes - Nu car

## Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010  
Issue date: 2/14/2022 Revision date: 2/14/2024 Version: 1.1

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Sheen wipes - Nu car  
Type of product : Vehicle interior plastic restorer  
Product code : SH150  
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

Not classified

#### 2.2. Label elements

##### Labelling according to the United Nations GHS

Hazardous ingredients : Polydimethylsiloxane

#### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                 | Product identifier  | %          | Classification according to the United Nations GHS   |
|----------------------|---------------------|------------|--|
| Polydimethylsiloxane | CAS-No.: 63148-62-9 | 5.0 - 10.0 | Flam. Liq. Not classified<br>Acute Tox. Not classified (Oral)<br>Acute Tox. 5 (Dermal), H313<br>Aquatic Acute Not classified |

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| 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.                                |
| 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 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 | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

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

|  |                                |
|--|--------------------------------|
| 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. |
|--------------------------------|--|

### 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. |
|----------------------|----------------------------|

##### 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 containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Take up liquid spill into absorbent material.                 |
| 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. Wear personal protective equipment.                  |
| Hygiene measures              | : 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. |
|--------------------|--|

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### 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 : Liquid.  
Colour : White.  
Odour : characteristic.  
Odour threshold : No data available  
pH : 4.8 – 6.6  
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  
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

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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

None under recommended storage and handling conditions (see section 7).

### 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) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

| Polydimethylsiloxane (63148-62-9) |   |
|-----------------------------------|---|
| LD50 oral rat                     | > 5000 mg/kg bodyweight (Rat, Experimental value, Oral)   |
| LD50 dermal rabbit                | > 2000 mg/kg bodyweight (Rabbit, Dermal)  |
| LC50 Inhalation - Rat             | > 11.582 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, (maximum achievable concentration), Inhalation (aerosol), 14 day(s)) |

Skin corrosion/irritation : Not classified  
pH: 4.8 – 6.6  
Serious eye damage/irritation : Not classified  
pH: 4.8 – 6.6  
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

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### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |

| Polydimethylsiloxane (63148-62-9)               |   |
|---|---|
| LC50 - Fish [1]                                 | > 1000 mg/l (Pisces, Literature study, Nominal concentration)   |
| EC50 - Other aquatic organisms [1]              | > 1020 mg/l (96 h, Mytilus edulis, Literature study)  |
| ErC50 algae                                     | > 100 mg/l (72 h, Skeletonema costatum, Literature study, Nominal concentration)                        |
| Partition coefficient n-octanol/water (Log Pow) | 2.86 – 4.25 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method) |

#### 12.2. Persistence and degradability

| Sheen wipes - Nu car          |                                     |
|-------------------------------|-------------------------------------|
| Persistence and degradability | No additional information available |

| Polydimethylsiloxane (63148-62-9) |                         |
|-----------------------------------|-------------------------|
| Persistence and degradability     | Biodegradable in water. |

#### 12.3. Bioaccumulative potential

| Sheen wipes - Nu car      |                                     |
|---------------------------|-------------------------------------|
| Bioaccumulative potential | No additional information available |

| Polydimethylsiloxane (63148-62-9)               |   |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.86 – 4.25 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method) |
| Bioaccumulative potential                       | Not bioaccumulative.  |

#### 12.4. Mobility in soil

| Sheen wipes - Nu car |                                     |
|----------------------|-------------------------------------|
| Mobility in soil     | No additional information available |

| Polydimethylsiloxane (63148-62-9)               |   |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.86 – 4.25 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method) |
| Ecology - soil                                  | Adsorbs into the soil.  |

#### 12.5. Other adverse effects

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

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

|                         |   |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
|-------------------------|---|

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### SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

| SANS                                    | IMDG  | IATA                               |
|---|---|------------------------------------|
| <b>14.1. UN number</b>                  |   |                                    |
| Not regulated for transport             |   |                                    |
| <b>14.2. Proper Shipping Name</b>       |   |                                    |
| Not applicable                          | Not applicable  | Not applicable                     |
| <b>14.3. Transport hazard class(es)</b> |   |                                    |
| Not applicable                          | Not applicable  | Not applicable                     |
| Not applicable                          | Not applicable  | Not applicable                     |
| <b>14.4. Packing group</b>              |   |                                    |
| Not applicable                          | Not applicable  | Not applicable                     |
| <b>14.5. Environmental hazards</b>      |   |                                    |
| 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

No data available

#### IMDG

No data available

#### IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

No additional information available

### SECTION 16: Other information

Issue date : 14/02/2022  
Revision date : 14/02/2024

| Full text of H-statements |                              |
|---------------------------|------------------------------|
| H226                      | Flammable liquid and vapour. |
| H227                      | Combustible liquid           |
| H301                      | Toxic if swallowed.          |
| H302                      | Harmful if swallowed.        |
| H303                      | May be harmful if swallowed  |
| H311                      | Toxic in contact with skin.  |

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| Full text of H-statements |   |
|---------------------------|---|
| 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.                                  |
| H331                      | Toxic if inhaled.   |
| H335                      | May cause respiratory irritation.                               |
| H351                      | Suspected of causing cancer.                                    |
| H371                      | May cause damage to organs.                                     |
| 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.           |
| 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.