

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

| | |
|----------------------------------|-----------------------------|
| Product identifier | MERKUR™ Paraffin Waxes |
| Other Identifier | MERKUR™: 107, 108, 140, 141 |
| REACH Substance name | Not available |
| REACH Registration Number | Not available |

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

| | |
|-----------------------------|-------|
| Uses advised against | Heat. |
|-----------------------------|-------|

1.3 Manufacturer or supplier's details

| | |
|------------------------|------------------------------------------------------------------------|
| Company Name | Sasol Wax (RSA) A Division of Sasol Chemical Industries |
| Company Address | 465 Tara Road, Wentworth Durban 4052 Republic of South Africa |
| Telephone | +27 31 460 3792 or +27(0) 61 336 3158 |
| Fax | +27 (0) 11 522 3942 |
| E-mail address | msds.info@sasol.com |

1.4 Emergency Phone Number

| | | |
|-----------------------------------|---------------------------------------|---------------------|
| Emergency telephone number | Europe, Israel, Africa, Americas | +44 (0)1235 239 670 |
| | Middle East, Arabic African countries | +44 (0)1235 239 671 |
| | Asia Pacific | +65 3158 1074 |
| | China | +86 10 5100 3039 |
| | South Africa | +27 (0)17 610 4444 |
| | Australia | +61 (2) 8014 4558 |

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

| | |
|-----------------------|----------------------------------------------------------------------------------|
| | EU. GHS Classification and labelling, based on CLP Reg. No 1272/2008 |
| Classification | Non-Hazardous |
| | EU. CLP Reg. (EC) No 1272/2008 (that repealed Directive 67/548/EEC) |
| Classification | This substance is not classified as dangerous according to Directive 67/548/EEC. |

2.2 Label elements

| | |
|---------------------------------------------|----------------------------------------------------------------------------------|
| | EU. GHS Classification and labelling, based on CLP Reg. No 1272/2008 |
| Signal word | Not applicable |
| Classification | Non-Hazardous |
| Hazard statements | Non-hazardous |
| Precautionary Statement - Prevention | This substance is not classified as dangerous according to GHS. |
| Precautionary Statement - Response | This substance is not classified as dangerous according to GHS. |
| Precautionary Statement - Storage | This substance is not classified as dangerous according to GHS. |
| Precautionary Statement - Disposal | This substance is not classified as dangerous according to GHS. |
| Pictogram | Not applicable |
| | EU. CLP Reg. (EC) No 1272/2008 (that repealed Directive 67/548/EEC) |
| R-phrase(s) | This substance is not classified as dangerous according to Directive 67/548/EEC. |
| S-phrase(s) | This substance is not classified as dangerous according to Directive 67/548/EEC. |
| Symbol(s) | Not applicable |

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

2.3 Other hazards

Other hazards

No data available

Additional advice

The product does not need to be labelled in accordance with EC directives or respective national laws.

SECTION 3. Composition/information on ingredients

3.1 Substance Contains

Preparation based on:

Synthetic wax, Paraffinic hydrocarbon

Contents: 100.00 %W/W

CAS-No. 8002-74-2

Index-No.

EC-No. 232-315-6

SECTION 4. First aid measures

4.1 Description of necessary first-aid measures

Inhalation

Move to fresh air in case of accidental inhalation of vapours.

Skin contact

Cool melted product on skin with plenty of water. Do not remove solidified product. In case of burns by molten product medical treatment is necessary.

Eye contact

Rinse with water. If eye irritation persists, consult a specialist.

Ingestion

Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms/effects, acute and delayed

Refer to SECTION 11

4.3 Indication of any immediate medical attention and special treatment needed

Refer to SECTION 4.1

SECTION 5. Firefighting measures

5.1 Suitable extinguishing media

Foam, Dry powder, Dry chemical powder suitable for small fires.

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

- | | |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.2 Special hazards arising from the substance or mixture | Do not allow run-off from fire fighting to enter drains or water courses, dyke fire control water for controlled disposal later on., Burning produces irritant fumes. |
| 5.3 Special protective equipment for firefighters | In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. |
| 5.3 Extinguishing media which shall not be used for safety reasons | Water jet. |

SECTION 6. Accidental release measures

- | | |
|----------------------------------------|-------------------------------------------------------------------|
| 6.1 Personal precautions | Liquid - Remove persons to safety. |
| 6.2 Environmental precautions | Prevent product from entering drains. |
| 6.3 Methods for cleaning up | Sweep up and shovel. Shovel into suitable container for disposal. |
| 6.4 Reference to other sections | Refer to Section 8 and 13 |

SECTION 7. Handling and storage

- | | |
|------------------------------------------------------------|------------------------------------------------------------------|
| 7.1 Safe handling advice | Provide sufficient air exchange and/or exhaust in work rooms. |
| 7.2 Advice on protection against fire and explosion | Keep away from open flames, hot surfaces and sources of ignition |
| 7.3 Requirements for storage areas and containers | Keep containers tightly closed in a cool well-ventilated place |

SECTION 8. Exposure controls/personal protection

8.1 Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

EUROPEAN OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

Personal protective equipment

| | |
|---------------------------------|---------------------------------------------------------------------------|
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |
| Hand protection | |
| Eye protection | Safety glasses |
| Skin and body protection | Leather gloves |
| Hygiene measures | Wash hands before breaks and immediately after handling the product. |

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|------------------------------------|----------------------------------|
| Form | Yellow solid slab |
| State of matter | Solid |
| Colour | Off white - light yellow |
| Odour | Odourless |
| Odour Threshold | No data available |
| pH | Not applicable |
| Congealing point | > 50 °C; DIN-ISO 2207, ASTM D938 |
| Boiling point/boiling range | 250 °C |
| Flash point | 210 °C; ASTM D92; Open cup; |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Vapour pressure | < 0.01 hPa |
| Vapour density | No data available |
| Density | 0.9 g/cm ³ ; 25 °C |

SECTION 10. Stability and reactivity

| | |
|------------------------------------------------|----------------------------------------------|
| 10.1 Reactivity | Hazardous polymerisation does not occur. |
| 10.2 Chemical stability | Stable under recommended storage conditions. |
| 10.3 Possibility of hazardous reactions | Hazardous polymerisation does not occur. |

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

| | |
|----------------------------------------------|--------------------------------|
| 10.4 Conditions to avoid | Heat. |
| 10.5 Materials to avoid | Oxidizing agents, Strong acids |
| 10.6 Hazardous decomposition products | Carbon oxides |
| 10.7 Thermal decomposition | Ca 250 °C |

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| | |
|------------------------------|------------------------------------------------------------------------------------------|
| Acute oral toxicity | Synthetic wax, Paraffinic hydrocarbon: LD50 Rat: > 5,000 mg/kg; (literature value) |
| Acute dermal toxicity | Synthetic wax, Paraffinic hydrocarbon: LD50 Rabbit: > 3,600 mg/kg; (literature value) |

Irritation and corrosion

| | |
|-----------------------|-----------------------------------------------------------------------|
| Eye irritation | Synthetic wax, Paraffinic hydrocarbon: Rabbit: Mild eye irritation |
|-----------------------|-----------------------------------------------------------------------|

| | |
|------------------------|------------------------------------|
| Skin irritation | Synthetic wax : Human non irritant |
|------------------------|------------------------------------|

| | |
|----------------------|-------------------|
| Sensitisation | No data available |
|----------------------|-------------------|

| | |
|-------------------------------|-------------------|
| Repeated dose toxicity | No data available |
|-------------------------------|-------------------|

| | |
|------------------------|-----------------------------------------|
| Carcinogenicity | Not classifiable as a human carcinogen. |
|------------------------|-----------------------------------------|

| | |
|---------------------|-------------------|
| Mutagenicity | No data available |
|---------------------|-------------------|

| | |
|----------------------------------|------------------------------|
| Toxicity for reproduction | Not toxicity to reproduction |
|----------------------------------|------------------------------|

| | |
|--------------------|-------------------|
| Eye contact | No data available |
|--------------------|-------------------|

| | |
|---------------------|-------------------|
| Skin contact | No data available |
|---------------------|-------------------|

| | |
|-------------------|-------------------|
| Inhalation | No data available |
|-------------------|-------------------|

| | |
|------------------|-------------------|
| Ingestion | No data available |
|------------------|-------------------|

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

SECTION 12. Ecological information

12.1 Ecotoxicity effects No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available

12.6 Other adverse effects

Other adverse effects No data available

SECTION 13. Disposal considerations

13.1 Product Dispose of in accordance with local regulations.

SECTION 14. Transport information

Further information Not classified as dangerous in the meaning of transport regulations.

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

| Inventories | Notification status |
|-------------|---------------------------------------------------------|
| REACH | On the inventory, or in compliance with the inventory |
| TSCA | On TSCA Inventory |
| DSL | All components of this product are on the Canadian DSL. |
| AICS | On the inventory, or in compliance with the inventory |
| NZIOC | On the inventory, or in compliance with the inventory |
| ENCS (JP) | On the inventory, or in compliance with the inventory |
| ISHL (JP) | On the inventory, or in compliance with the inventory |
| KECI (KR) | On the inventory, or in compliance with the inventory |

Safety Data Sheet

SASOL
reaching new frontiers



MERKUR™ Paraffin Waxes

Version 1.00

Revision Date 12.02.2014

PICCS (PH) On the inventory, or in compliance with the inventory
IECSC On the inventory, or in compliance with the inventory

Key

| Inventories | Description |
|-------------------|--------------------------------------------------------------------|
| REACH | 1907/2006 (EU) |
| TSCA | United States TSCA Inventory |
| DSL | Canadian Domestic Substances List (DSL) |
| AICS | Australia Inventory of Chemical Substances (AICS) |
| NZIOC | New Zealand. Inventory of Chemical Substances |
| ENCS (JP) | Japan. ENCS - Existing and New Chemical Substances Inventory |
| ISHL (JP) | Japan. ISHL - Inventory of Chemical Substances (METI) |
| KECI (KR) | Korea. Korean Existing Chemicals Inventory (KECI) |
| PICCS (PH) | Philippines Inventory of Chemicals and Chemical Substances (PICCS) |
| IECSC | China. Inventory of Existing Chemical Substances in China (IECSC) |

SECTION 16. Other information

All reasonable efforts were exercised to compile this SDS in accordance with ISO 11014 and ANSI Z400.1.1993. The SDS provides information regarding the health, safety and environmental hazards, at the date of issue, to facilitate the safe receipt, use and handling of the product in the workplace. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which the product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, review this SDS in the context within which the product will be received, handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place as regards health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of the product.

The SDS was created by: F. SHAI

The SDS was approved by: T. DE JONG (MA)