



# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

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

**Product identifier**

**Trade name** C14-C20 n-Paraffin

**Product code** 1447

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

**Use** Solvent. Raw material for washing and cleaning agents. For industrial use only. Chlorination.

**Manufacturer or supplier's details**

**Company** Sasol Chemicals, a division of Sasol South Africa Ltd

**Address** Sasol Place, 50 Katherine Street  
Sandton  
2090  
South Africa

**Telephone** +27103445000

**E-mail address** sasolchem.info.sa@sasol.com

**Emergency telephone number** +44 (0)1235 239 670 (Europe, Israel, Africa, Americas)  
+44(0)1235 239 671 (Middle East, Arabic African countries)  
+65 3158 1074 (Asia Pacific)  
+86 400 120 6011 (China)  
+27 (0)17 610 4444 (South Africa)  
0800 112 890 RSA-Local only  
+61 (2) 8014 4558 (Australia)

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

### SECTION 2. Hazards identification

#### Classification of the substance or mixture

#### GHS Classification

|                       |  |            |
|-----------------------|--|------------|
| <b>Classification</b> | Notification of the ministry of industry on the system of classification and hazard communication of hazardous substances B.E. 2555 (GHS 2009) |            |
|                       | Aspiration hazard  | Category 1 |

#### GHS label elements

Hazard pictograms



Signal word

: Danger

Hazard statements

: H304 May be fatal if swallowed and enters airways.

Precautionary statements

: **Prevention:**

NA No precautionary statement

**Response:**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P331 Do NOT induce vomiting.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/ container to an approved waste

Print Date 08.02.2023

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2/14



# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

disposal plant.

### Other hazards

None known.

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

### SECTION 3. Composition/information on ingredients

#### Chemical characterization

While this product is a cut, the alkane range is well defined and all of the alkanes that may fall within the range are known to be present. This product may be described as a blend of the following substances:

#### Tetradecane

Contents: %W/W

CAS-No. 629-59-4

Index-No.

EC-No. 211-096-0

#### Pentadecane

Contents: %W/W

CAS-No. 629-62-9

Index-No.

EC-No. 211-098-1

#### Hexadecane

Contents: %W/W

CAS-No. 544-76-3

Index-No.

EC-No. 208-878-9

#### n-heptadecane

Contents: %W/W

CAS-No. 629-78-7

Index-No.

EC-No. 211-108-4

#### octadecane

Contents: %W/W

CAS-No. 593-45-3

Index-No.

EC-No. 209-790-3

#### HAZARDOUS INGREDIENTS



# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

**Alkanes C14-C18**

**Contents:** 100.00 %W/W

**CAS-No.**

**Index-No.**

**EC-No.**

**Hazard statements** *H304*

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

### SECTION 4. First aid measures

#### Description of necessary first-aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.   |
| <b>Skin contact</b> | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.   |
| <b>Eye contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist. |
| <b>Ingestion</b>    | If swallowed, seek medical advice immediately and show this container or label. Prevent vomiting if possible.   |

#### Most important symptoms/effects, acute and delayed

Refer to SECTION 11

### SECTION 5. Firefighting measures

|                                     |  |
|-------------------------------------|--|
| <b>Suitable extinguishing media</b> | Dry chemical. Carbon dioxide. Foam. Large fire: Water spray, fog or fire-fighting foam |
|-------------------------------------|--|

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

|  |   |
|--|---|
| <b>Special hazards arising from the substance or mixture</b> | Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Vapours are heavier than air and may spread along floors. Fight fire remotely due to risk of explosion. |
| <b>Special protective equipment for firefighters</b>         | An approved positive pressure self-contained breathing apparatus must be worn.  |

### SECTION 6. Accidental release measures

|                                    |   |
|------------------------------------|---|
| <b>Personal precautions</b>        | Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.   |
| <b>Environmental precautions</b>   | Do not allow product/runoff from fire or spillage control to enter sewers, drains or watercourses. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. |
| <b>Methods for cleaning up</b>     | Absorb with sand or other non-combustible absorbent material and place into compatible containers for disposal.   |
| <b>Reference to other sections</b> | Refer to Section 8 and 13   |

### SECTION 7. Handling and storage

|                             |   |
|-----------------------------|---|
| <b>Safe handling advice</b> | Wear personal protective equipment. Avoid contact with skin and eyes. |
|-----------------------------|---|

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

**Advice on protection against fire and explosion** Take measures to prevent the build up of electrostatic charge.

**Requirements for storage areas and containers** Keep containers tightly closed in a cool, well-ventilated place.

**Advice on common storage** Keep in a cool, well-ventilated place.

### SECTION 8. Exposure controls/personal protection

#### Components with workplace control parameters

##### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

#### Exposure controls

##### Engineering measures

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

##### Personal protective equipment

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection** Gloves suitable for permanent contact.:

Material: nitrile rubber/nitrile latex

Break through time: > 8 h

Material thickness: 0.4 mm

**Eye protection** If splashes are likely to occur, wear: Safety glasses with side-shields.

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

|                                 |  |
|---------------------------------|--|
| <b>Skin and body protection</b> | Safety shoes. Protective suit.                                       |
| <b>Hygiene measures</b>         | Wash hands before breaks and immediately after handling the product. |

### SECTION 9. Physical and chemical properties

#### Information on basic physical and chemical properties

|                                    |                              |
|------------------------------------|------------------------------|
| <b>Form</b>                        | Liquid                       |
| <b>State of matter</b>             | Liquid; at 20 ° C; 1,013 hPa |
| <b>Colour</b>                      | Colourless                   |
| <b>Odour</b>                       | Odourless                    |
| <b>Odour Threshold</b>             | No data available.           |
| <b>pH</b>                          | No data available.           |
| <b>Melting point/range</b>         | No data available.           |
| <b>Boiling point/boiling range</b> | 240 - 325 ° C                |
| <b>Flash point</b>                 | min. 105 ° C; ASTM D 93      |
| <b>Evaporation rate</b>            | No data available.           |
| <b>Flammability (solid, gas)</b>   | No data available.           |
| <b>Auto-ignition temperature</b>   | No data available.           |
| <b>Decomposition Temperature</b>   | No data available.           |
| <b>Lower explosion limit</b>       | No data available.           |

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

|   |   |
|---|---|
| <b>Upper explosion limit</b>                  | No data available.                          |
| <b>Vapour pressure</b>                        | No data available.                          |
| <b>Relative vapour density</b>                | No data available.                          |
| <b>Density</b>                                | 0.77 g/cm <sup>3</sup> ; 20 ° C             |
| <b>Water solubility</b>                       | Immiscible                                  |
| <b>Partition coefficient: n-octanol/water</b> | No data available.                          |
| <b>Viscosity, kinematic</b>                   | 2.59 mm <sup>2</sup> /s; 40 ° C; ASTM D 445 |

### SECTION 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | Stable under normal conditions.              |
| <b>Chemical stability</b>                 | Stable                                       |
| <b>Possibility of hazardous reactions</b> | Vapours may form explosive mixture with air. |
| <b>Conditions to avoid</b>                | Heat, flames and sparks.                     |
| <b>Materials to avoid</b>                 | Strong oxidizing agents.                     |
| <b>Hazardous decomposition products</b>   | No decomposition if stored normally.         |

### SECTION 11. Toxicological information

|                            |                    |
|----------------------------|--------------------|
| <b>Acute oral toxicity</b> | No data available. |
|----------------------------|--------------------|

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

|                                  |   |
|----------------------------------|---|
| <b>Acute inhalation toxicity</b> | No data available.                            |
| <b>Acute dermal toxicity</b>     | No data available.                            |
| <b>Skin irritation</b>           | No data available.                            |
| <b>Eye irritation</b>            | No data available.                            |
| <b>Sensitisation</b>             | No data available.                            |
| <b>Repeated dose toxicity</b>    | No data available.                            |
| <b>Carcinogenicity</b>           | No data available.                            |
| <b>Mutagenicity</b>              | No data available.                            |
|                                  | No data available.;                           |
| <b>Further Information</b>       | May be fatal if swallowed and enters airways. |

### SECTION 12. Ecological information

|  |                    |
|--|--------------------|
| <b>Toxicity to fish</b>                                    | No data available. |
| <b>Toxicity to daphnia and other aquatic invertebrates</b> | No data available. |
| <b>Toxicity to algae</b>                                   | No data available. |
| <b>Toxicity to bacteria</b>                                | No data available. |
| <b>Toxicity to fish</b>                                    | No data available. |
| <b>Chronic toxicity in aquatic invertebrates</b>           | No data available. |
| <b>Toxicity for organisms in the</b>                       | No data available. |

# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

soil

**Toxicity for terrestrial flora** No data available.

**Biodegradability** Readily biodegradable.; The data is derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Bioaccumulation** No data available.

**Other adverse effects** No data available.

### SECTION 13. Disposal considerations

**Product** Disposal should be in accordance with local, regional and national legislations.

**Packaging** Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

### SECTION 14. Transport information

**Marine pollutant** Not a Marine Pollutant

**Further Information** Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

**Transport in bulk according to Annex II of MARPOL** n-Alkanes (C10-C20)  
Ship Type: 3



# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

73/78 and the IBC Code      POLLUTION CATEGORY: Y

### SECTION 15. Regulatory information

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

|   |   |
|---|---|
| <b>USA TSCA Inventory</b>   | All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)   |
| <b>Canadian Domestic Substances List (DSL)</b>                            | All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)                            |
| <b>Australian Inv. of Chem. Substances (AICS)</b>                         | All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)                         |
| <b>New Zealand Inventory of Chemicals (NZIoC)</b>                         | All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)                         |
| <b>Jap. Inv. of Exist. &amp; New Chemicals (ENCS)</b>                     | All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)                         |
| <b>Japan. Industrial Safety &amp; Health Law (ISHL)</b>                   | All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)                       |
| <b>Korea. Existing Chemicals Inventory (KECI)</b>                         | All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)                         |
| <b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b> | All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3) |
| <b>China Inv. Existing Chemical Substances</b>                            | All chemical constituents are listed in: China Inv. Existing  |



# Safety Data Sheet

## C14-C20 n-Paraffin

Version 1.01

Revision Date 08.02.2023

(IECSC)

Chemical Substances (IECSC) (See chapter 3)

### SECTION 16. Other information

#### Full text of H-Statements

H304 May be fatal if swallowed and enters airways.

All reasonable efforts were exercised to compile this SDS in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS only provides information regarding the health, safety and environmental hazards at the date of issue, to facilitate the safe receipt, use and handling of this product in the workplace and does not replace any product information or product specifications. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which this 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 this 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 with respect to 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 this product.

Although all reasonable efforts were exercised in the compilation of this SDS, Sasol does not expressly warrant the accuracy of, or assume any liability for incomplete information contained herein or any advice given. When this product is sold, risk passes to the purchaser in accordance with the specific terms and conditions of sale.