



SASOL

Safety Data Sheet

C14-C20 n-Paraffin

Version 1.01

Revision Date 27.09.2022

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

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2090
South Africa

Telephone +27103445000

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

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+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)

SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification

Aspiration hazard

Category 1

Label elements

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REGULATION (EC) No 1272/2008

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/ doctor.

P331 Do NOT induce vomiting.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

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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

Alkanes C14-C18

Contents: 100.00 %W/W

CAS-No.

Index-No.

EC-No.

Hazard statements *H304*

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SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Eye contact	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.
Ingestion	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

Suitable extinguishing media	Dry chemical. Carbon dioxide. Foam. Large fire: Water spray, fog or fire-fighting foam
Special hazards arising from the substance or mixture	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.
Special protective equipment for firefighters	An approved positive pressure self-contained breathing apparatus must be worn.

SECTION 6. Accidental release measures

Personal precautions	Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not allow product/runoff from fire or spillage control to enter

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sewers, drains or watercourses. Should not be released into the environment. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Absorb with sand or other non-combustible absorbent material and place into compatible containers for disposal.

Reference to other sections Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice Wear personal protective equipment. Avoid contact with skin and eyes.

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.

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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.
Skin and body protection	Safety shoes. Protective suit.
Hygiene measures	Wash hands before breaks and immediately after handling the product.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	Colourless
Odour	Odourless
Odour Threshold	No data available.
pH	No data available.
Melting point/range	No data available.
Boiling point/boiling range	240 - 325 ° C
Flash point	min. 105 ° C; ASTM D 93
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	No data available.
Decomposition	No data available.
Temperature	
Lower explosion limit	No data available.
Upper explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	0.77 g/cm ³ ; 20 ° C
Water solubility	Immiscible
Partition coefficient: n-	No data available.



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octanol/water

Viscosity, kinematic 2.59 mm²/s; 40 ° C; ASTM D 445

SECTION 10. Stability and reactivity

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

SECTION 11. Toxicological information

Acute oral toxicity	No data available.
Acute inhalation toxicity	No data available.
Acute dermal toxicity	No data available.
Skin irritation	No data available.
Eye irritation	No data available.
Sensitisation	No data available.
Repeated dose toxicity	No data available.
Carcinogenicity	No data available.
Mutagenicity	No data available.
Further Information	May be fatal if swallowed and enters airways.

SECTION 12. Ecological information

Toxicity to fish	No data available.
Toxicity to daphnia and other aquatic invertebrates	No data available.
Toxicity to algae	No data available.
Toxicity to bacteria	No data available.
Toxicity to fish	No data available.
Chronic toxicity in aquatic invertebrates	No data available.

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Toxicity for organisms in the soil	No data available.
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 73/78 and the IBC Code	n-Alkanes (C10-C20) Ship Type: 3 POLLUTION CATEGORY: Y

SECTION 15. Regulatory information

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

USA TSCA Inventory

All chemical constituents are listed in: USA TSCA Inventory

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(See chapter 3)

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



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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.