

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

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

Product identifier

Trade name

Coker Gas Oil

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

Use

Industrial use.

Manufacturer or supplier's details

Company

Sasol Oil Pty (Ltd)

Address

Sasol Place, 50 Katherine Street
Sandton
2090
South Africa

Telephone

+27860335444

E-mail address

sasolchem.info.sa@sasol.com

Emergency telephone number

South Africa: 0800 11 28 90; International: +27 17 610 4444

SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification

Carcinogenicity
Flammable liquids

Category 1

Category 4

Label elements

Hazard pictograms



Signal word

:

Danger

Hazard statements

:

H350 May cause cancer.

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

H227 Combustible liquid.

Precautionary statements

Prevention

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P370+ P378 In case of fire: Use Dry chemical, CO₂, Water spray or fire-fighting foam to extinguish

Storage

P405 Store locked up.

P403 Store in a well-ventilated place.

Disposal

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

SECTION 3. Composition/information on ingredients

Substance

Creosote

Contents: 100.00 %W/W

CAS-No. 8001-58-9

Index-No. 648-101-00-4

EC-No. 232-287-5

Hazard statements *H350*

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. For thermal burns, cool affected areas as quickly as possible by immersing in water. Consult a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately. If burns occur, treat as thermal burns.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting. Prevent vomiting if possible. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Water spray. Foam. Dry powder. Carbon dioxide.
Special hazards arising from the substance or mixture	Do not allow run-off from firefighting to enter drains or water courses.
Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

SECTION 6. Accidental release measures

Personal precautions	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Do not breathe vapours or spray mist.
Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Keep in suitable, closed containers for disposal.
Reference to other sections	Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Ensure adequate ventilation. Do not breathe vapours or spray mist. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred. Wear personal protective equipment.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition.
Requirements for storage areas and containers	Keep containers tightly closed in a cool, well-ventilated place.
Advice on common storage	Keep away from oxidizing agents, and acidic or alkaline products.

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

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

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

Personal protective equipment

Respiratory protection	Where airborne concentrations permit (or at low concentrations), air purifying or powered air purifying respirators (full face piece) fitted with organic vapor and gas filtering media (class A1 or class A2) as well as high efficiency particulate arrestors may be used. At high concentrations use self contained breathing apparatus (SCBA) or supplied air (airline and full face piece) operated under positive pressure. Respiratory protection selected must reduce exposure to as far below exposure limits as possible.
Hand protection	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
Eye protection	Safety glasses with side-shields.
Skin and body protection	Safety shoes. Lightweight protective clothing
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	Black
Odour	tar
Odour Threshold	No data available.
pH	No data available.
Pour point	6 ° C
Boiling point/boiling range	> 450 ° C
Flash point	90 ° C



sasol

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	No data available.
Lower explosion limit	No data available.
Upper explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	1.01 g/cm ³ ; 20 ° C
Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available.
Viscosity, kinematic	31 mm ² /s; 40 ° C

SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Strong oxidizing agents.
Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Strong acids and oxidizing agents
Hazardous decomposition products	Stable under normal conditions.

SECTION 11. Toxicological information

Acute oral toxicity	Creosote: LD50 Rat: ca.725 mg/kg;
Acute oral toxicity	Creosote: LD50 Mouse: ca.433 mg/kg;
Acute dermal toxicity	Creosote: LD50 Dermal Rabbit: > 2,000 mg/kg;
Acute dermal toxicity	Creosote: LD50 Dermal Rat: > 2,000 mg/kg;
Skin irritation	Creosote: Potential skin irritant

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

Eye irritation

Creosote:
Highly irritating

SECTION 12. Ecological information

Toxicity to fish

Creosote:
No data available.

Toxicity to daphnia and other aquatic invertebrates

Creosote:
Daphnia magna; 96 h; EC50; 0.7 mg/l

Toxicity to daphnia and other aquatic invertebrates

Creosote:
Mysidopsis bahia (opossum shrimp); 48 h; EC50; 0.018 mg/l

Toxicity to algae

Creosote:
No data available.

Other adverse effects

No data available.

SECTION 13. Disposal considerations

Product

Dispose of as special waste in compliance with local and national regulations.

Packaging

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

SECTION 14. Transport information

DG Pictogram



ADR

UN number: 2810

Class: 6.1

Packaging group: III; T1;

Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S.
(Creosote)

RID

UN number: 2810
Class: 6.1
Packaging group: III; T1
Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S.
(Creosote)

ADNR

UN number: 2810
Class: 6.1
Packaging group: III; T1
Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S.
(Creosote)

IMDG

UN number: 2810
Class: 6.1
EmS: F-A, S-A
Packaging group: III
Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S.
(Creosote)

ICAO/IATA

UN number : 2810
Class: 6.1
Packaging group: III
Proper shipping name: TOXIC LIQUID,ORGANIC,N.O.S.
(Creosote)

SECTION 15. Regulatory information

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

Canada. DSL - Domestic Substances List, All chemical constituents are listed in: Canada. DSL - Domestic
part of CEPA Substances List, part of CEPA (See chapter 3)

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Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

Australia. AICS - Australian Inventory of Chemical Substances

All chemical constituents are listed in: Australia. AICS - Australian Inventory of Chemical Substances (See chapter 3)

New Zealand Inventory of Chemical Substances

All chemical constituents are listed in: New Zealand Inventory of Chemical Substances (See chapter 3)

Japan. ENCS - Existing and New Chemical Substances Inventory

Components Not listed
Creosote

Japan. Industrial Safety and Health Law - Inventory

Components Not listed
Creosote

Korea. KECI - Korean Existing Chemicals Inventory

All chemical constituents are listed in: Korea. KECI - Korean Existing Chemicals Inventory (See chapter 3)

Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances

All chemical constituents are listed in: Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances (See chapter 3)

China. IECSC - Inventory of Existing Chemical Substances in China

All chemical constituents are listed in: China. IECSC - Inventory of Existing Chemical Substances in China (See chapter 3)

Taiwan. Chemical Substances Inventory (TCSI)

All chemical constituents are listed in: Taiwan. Chemical Substances Inventory (TCSI) (See chapter 3)

USA TSCA Inventory

All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)

SECTION 16. Other information

Full text of H-Statements

H350 May cause cancer.

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



Safety Data Sheet

Coker Gas Oil

Version 1.00

Revision Date 13.06.2022

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.

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