



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

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

Product identifier

Trade name Hexylol

Product code 3246

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

Use Solvent.

Manufacturer or supplier's details

Company Sasol Chemicals, a division of Sasol South Africa (Pty) Ltd

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Sandton
2090
South Africa

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+61 (2) 8014 4558 (Australia)



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

SECTION 2. Hazards identification

Classification of the substance or mixture

South Africa. GHS Classification and Labelling of Chemicals - SANS 10234

Classification

Flammable Liquids	Category 3
Acute oral toxicity	Category 4
Acute inhalation toxicity	Category 4
Serious eye damage	Category 1
Aspiration toxicity	Category 1
Specific target organ toxicity - single exposure	Category 3
Skin irritation	Category 2
Acute dermal toxicity	Category 4

Label elements

South Africa. GHS Classification and Labelling of Chemicals - SANS 10234

Pictogram



Signal word	Danger
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Hazard statements	H226: Flammable liquid and vapour. H302: Harmful if swallowed. H332: Harmful if inhaled. H312: Harmful in contact with skin.
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SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

H315: Causes skin irritation.
H318: Causes serious eye damage.
H304: May be fatal if swallowed and enters airways.
H335: May cause respiratory irritation.

Precautionary statements

Prevention	P210: Keep away from open flames/hot surfaces. - No smoking. P240: Ground/bond container and receiving equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection. P241: Use explosion-proof electrical/ ventilating/ lighting equipment. P271: Use only outdoors or in a well-ventilated area. P264: Wash hands thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P260: Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
Response	P303 + P361 + P353: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312: Call a POISON CENTER/doctor if you feel unwell. P362: Take off contaminated clothing and wash before reuse. P332 + P313: If skin irritation occurs: Get medical advice/ attention. P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

P331: Do not induce vomiting.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P363: Wash contaminated clothing before reuse.

Storage

P403 + P233 + P235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405: Store locked up.

Disposal

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

Other hazards

No data available

SECTION 3. Composition/information on ingredients

Mixture

Hexanol

Contents: <= 35.00 %W/W

CAS-No. 111-27-3

Index-No. 603-059-00-6

EC-No. 203-852-3

Hazard statements H302 H226

Heptanol

Contents: <= 5.00 %W/W

CAS-No. 111-70-6

Index-No.

EC-No. 203-897-9



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Hazard statements *H319*

n-Amyl alcohol

Contents: <= 15.00 %W/W

CAS-No. 71-41-0

Index-No. 603-200-00-1

EC-No. 200-752-1

Hazard statements *H226 H332 H335 H315 H318*

Cyclopentanol

Contents: <= 10.00 %W/W

CAS-No. 96-41-3

Index-No.

EC-No. 202-504-8

Hazard statements *H226 H302 H332 H315 H319 H335*

Cyclohexanol

Contents: <= 10.00 %W/W

CAS-No. 108-93-0

Index-No. 603-009-00-3

EC-No. 203-630-6

Hazard statements *H332 H302 H315 H335*

2-Heptanol

Contents: <= 15.00 %W/W

CAS-No. 543-49-7

Index-No.

EC-No. 208-844-3

Hazard statements *H312 H315 H319*

n-Octanol

Contents: <= 1.00 %W/W

CAS-No. 111-87-5

Index-No.

EC-No. 203-917-6



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Hazard statements H319 H412

Undecane

Contents: <= 10.00 %W/W

CAS-No. 1120-21-4

Index-No.

EC-No. 214-300-6

Hazard statements H304

2-Methylbutan-1-ol

Contents: <= 5.00 %W/W

CAS-No. 137-32-6

Index-No. 603-006-00-7

EC-No. 205-289-9

Hazard statements H226 H332 H335 H315 H318

2-Methyl-1-Pentanol

Contents: <= 35.00 %W/W

CAS-No. 105-30-6

Index-No.

EC-No. 203-285-1

2-methyl-1-heptanol

Contents: <= 5.00 %W/W

CAS-No. 60435-70-3

Index-No.

EC-No.

Hazard statements H319 H412

Methyl cyclopentanol isomers

Contents: <= 10.00 %W/W

CAS-No. 24070-77-7

Index-No.

EC-No.



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Heptanol isomers

Contents: <= 10.00 %W/W

CAS-No. 624-22-6

Index-No.

EC-No.

2-methyl cyclohexanol

CAS-No. 7443-70-1

Index-No.

EC-No.

Hazard statements *H332*

For the full text of the H-Statements mentioned in this Section, see Section 16.

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. Call a physician immediately.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
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	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media Water spray. Dry powder. Alcohol-resistant foam.

Special hazards arising from the substance or mixture Flash back possible over considerable distance. Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment for firefighters Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

Personal precautions Use personal protective equipment. Do not breathe vapours or spray mist. Ensure adequate ventilation. Keep away from sources of ignition - No smoking.

Environmental precautions Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). The material taken up must be disposed of in accordance with regulations.

Reference to other sections Refer to Section 8 and 13



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

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 Use explosion-proof equipment. Provide sufficient air exchange and/or exhaust in work rooms.

Requirements for storage areas and containers Keep away from sources of ignition - No smoking.

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 Respirator with combination filter for vapour/particulate (EN 141)

Hand protection Gloves suitable for permanent contact:
Material: butyl-rubber
Break through time: 4 h



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Material thickness: 0.5 mm

Eye protection	Safety glasses with side-shields
Skin and body protection	Protective suit Safety shoes.
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	Clear
Odour	No information available.
Odour Threshold	No data available
pH	No data available
Melting point/range	< -10 ° C
Boiling point/boiling range	131 ° C
Flash point	57 ° C; closed cup
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	293 ° C



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Lower explosion limit	1.2 %(V)
Upper explosion limit	10 %(V)
Vapour pressure	1.7 hPa; 20 ° C
Relative vapour density	4.17
Density	0.85 g/cm3; 20 ° C
Water solubility	Partly soluble, Partly miscible
Partition coefficient: n-octanol/water	No data available
Viscosity, dynamic	6.58 mPa.s; 20 ° C

SECTION 10. Stability and reactivity

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Heating can release hazardous gases.
Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Oxidizing agents. Reducing agents. Acids and bases
Hazardous decomposition products	No decomposition if stored normally.

SECTION 11. Toxicological information

Acute oral toxicity	n-Amyl alcohol:
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SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

LD50 Rat: > 2,000 mg/kg; (literature value)

Acute inhalation toxicity	n-Amyl alcohol: LC50 Rat: 8 h; 829 mg/l; (literature value)
Acute dermal toxicity	n-Amyl alcohol: LD50 Dermal Rabbit: > 2,000 mg/kg; (literature value)
Skin irritation	n-Amyl alcohol: Causes skin irritation.
Eye irritation	n-Amyl alcohol: Highly irritating
Sensitisation	n-Amyl alcohol: Does not cause skin sensitisation.

SECTION 12. Ecological information

Toxicity to fish	n-Amyl alcohol: Brachydanio rerio; 96 h; LC50; > 100 mg/l; (literature value)
Toxicity to daphnia and other aquatic invertebrates	n-Amyl alcohol: Daphnia magna (Water flea); 48 h; EC50; > 100 mg/l(literature value)
Toxicity to algae	n-Amyl alcohol: Scenedesmus quadricauda> 100 mg/l; (literature value)
Biodegradability	n-Amyl alcohol: Expected to be biodegradable

SECTION 13. Disposal considerations



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Product In accordance with local and national regulations.

SECTION 14. Transport information

ADR

UN number: 1987

Class: 3

Packaging group: III; F1;

Proper shipping name: ALCOHOLS, N.O.S.

(pentanols, hexanols)

RID

UN number: 1987

Class: 3

Packaging group: III; F1

Proper shipping name: ALCOHOLS, N.O.S.

(pentanols, hexanols)

ADNR

UN number: 1987



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Class: 3

Packaging group: III; F1

Proper shipping name: ALCOHOLS, N.O.S.

(pentanols, hexanols)

IMDG

UN number: 1987

Class: 3

EmS: F-E, S-D

Packaging group: III

Proper shipping name: ALCOHOLS, N.O.S.

(pentanols, hexanols)

Marine pollutant Not a Marine Pollutant

ICAO/IATA

UN number : 1987

Class: 3

Packaging group: III

Proper shipping name: ALCOHOLS,N.O.S.



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

(pentanols, hexanols)

SECTION 15. Regulatory information

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

Inv. of Exist. Chem. Substances in China	All chemical constituents are listed in: Inv. of Exist. Chem. Substances in China (See chapter 3)
USA TSCA Inventory	All chemical constituents are listed in: USA TSCA Inventory (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	All chemical constituents are listed in: Philippines Inventory of

**SASOL**

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

Chemical Substances (PICCS)

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

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.

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



SASOL

Safety Data Sheet

Hexylol

Version 1.05

Revision Date 08.03.2018

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.