



# Safety Data Sheet

## Hexylol

Version 1.08

Revision Date 11.01.2022

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

#### Product identifier

IMO Product Name SAS-3246

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 Ltd

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+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	Flammable liquids	Category 3
	Acute oral toxicity	Category 4
	Acute inhalation toxicity	Category 4

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Skin irritation	Category 2
Specific target organ toxicity - single exposure (Respiratory system)	Category 3
Aspiration hazard	Category 1

### Label elements

#### REGULATION (EC) No 1272/2008

Hazard pictograms



Signal word

:

Danger

Hazard statements

:

H226 Flammable liquid and vapour.  
 H302 + H332 Harmful if swallowed or if inhaled.  
 H315 Causes skin irritation.  
 H335 May cause respiratory irritation.  
 H304 May be fatal if swallowed and enters airways.

### Precautionary statements

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### Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P264 Wash hands thoroughly after handling.
- P233 Keep container tightly closed.

### Response

- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Storage

- P403 + P235 Store in a well-ventilated place. Keep cool.

### Disposal

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

### Other hazards

None known.

## SECTION 3. Composition/information on ingredients

### HAZARDOUS INGREDIENTS

#### Hexan-1-ol

Contents:  $\geq 10.00$  -  $< 30.00$  %W/W

CAS-No. 111-27-3

Index-No. 603-059-00-6

EC-No. 203-852-3

Hazard statements *H302*

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### Mixed Pentanol Isomers

**Contents:**  $\geq 1.00$  -  $< 30.00$  %W/W

**CAS-No.** 30899-19-5

**Index-No.** 603-006-00-7

**EC-No.** 250-378-8

**Hazard statements** *H226 H332 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** *H315 H302 H332 H335*

### Hexanols

**Contents:**  $\geq 35.00$  -  $\leq 70.00$  %W/W

**CAS-No.** 25917-35-5

**Index-No.**

**EC-No.** 247-346-0

**Hazard statements** *H302*

### C10-C13 n-Paraffin

**Contents:**  $\leq 10.00$  %W/W

**CAS-No.**

**Index-No.**

**EC-No.**

**Hazard statements** *H304*

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

**Other data** NOTE: C10-C13 contains Undecane (1120-21-4), Dodecane (112-40-3), Tridecane (629-50-5).

### 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.

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

Refer to SECTION 11

### SECTION 5. Firefighting measures

**Suitable extinguishing media** Dry sand. Dry chemical. 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

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<b>Personal precautions</b>	Use personal protective equipment. Do not breathe vapours or spray mist. Ensure adequate ventilation. Keep away from sources of ignition - No smoking.
<b>Environmental precautions</b>	Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up</b>	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.
<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.
<b>Advice on protection against fire and explosion</b>	Use explosion-proof equipment. Provide sufficient air exchange and/or exhaust in work rooms.
<b>Requirements for storage areas and containers</b>	Keep away from sources of ignition - No smoking.
<b>Advice on common storage</b>	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.



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### Personal protective equipment

<b>Respiratory protection</b>	Respirator with combination filter for vapour/particulate (EN 141)
<b>Hand protection</b>	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
<b>Eye protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	Protective suit. Safety shoes.
<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>	Clear
<b>Odour</b>	No data available.
<b>Odour Threshold</b>	No data available.
<b>pH</b>	Not applicable.
<b>Melting point/range</b>	Not applicable.
<b>Boiling point/boiling range</b>	150.8 - 229.2 ° C
<b>Flash point</b>	57 ° C; closed cup
<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</b>	No data available.
<b>Temperature</b>	
<b>Lower explosion limit</b>	1.2 %(V)
<b>Upper explosion limit</b>	10 %(V)
<b>Vapour pressure</b>	2.23 hPa; 20 ° C
<b>Relative vapour density</b>	No data available.
<b>Density</b>	0.849 g/cm <sup>3</sup> ; 20 ° C

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<b>Water solubility</b>	Partly soluble, Partly miscible
<b>Partition coefficient: n-octanol/water</b>	No data available.
<b>Viscosity, dynamic</b>	5.58 mPa.s; 20 ° C

### SECTION 10. Stability and reactivity

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

### SECTION 11. Toxicological information

<b>Acute oral toxicity</b>	Acute toxicity estimate : 2,400 mg/kg; Calculation method;
<b>Acute inhalation toxicity</b>	Acute toxicity estimate : 4 h; vapour; > 20 mg/l; Calculation method;
<b>Skin irritation</b>	Cyclohexanol: Irritating;

### SECTION 12. Ecological information

<b>Other adverse effects</b>	This product has no known ecotoxicological effects.
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### SECTION 13. Disposal considerations

<b>Product</b>	Dispose of as hazardous waste in compliance with local and national regulations.
<b>Packaging</b>	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

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### SECTION 14. Transport information

#### DG Pictogram



#### ADR

**UN number:** 1993  
**Class:** 3  
**Packaging group:** III; F1;  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S.  
(Hexanols, pentanols)

#### RID

**UN number:** 1993  
**Class:** 3  
**Packaging group:** III; F1  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S.  
(Hexanols, pentanols)

#### IMDG

**UN number:** 1993  
**Class:** 3  
**EmS:** F-E, S-E  
**Packaging group:** III  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S.  
(Hexanols, pentanols)

**Marine pollutant** Not a Marine Pollutant

#### ICAO/IATA

**UN number :** 1993  
**Class:** 3  
**Packaging group:** III  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S.  
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### SECTION 15. Regulatory information

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

<b>Canada. DSL - Domestic Substances List, part of CEPA</b>	All chemical constituents are listed in: Canada. DSL - Domestic Substances List, part of CEPA (See chapter 3)
<b>Australia. AICS - Australian Inventory of Chemical Substances</b>	All chemical constituents are listed in: Australia. AICS - Australian Inventory of Chemical Substances (See chapter 3)
<b>New Zealand Inventory of Chemical Substances</b>	All chemical constituents are listed in: New Zealand Inventory of Chemical Substances (See chapter 3)
<b>Japan. ENCS - Existing and New Chemical Substances Inventory</b>	All chemical constituents are listed in: Japan. ENCS - Existing and New Chemical Substances Inventory (See chapter 3)
<b>Japan. Industrial Safety and Health Law - Inventory</b>	All chemical constituents are listed in: Japan. Industrial Safety and Health Law - Inventory (See chapter 3)
<b>Korea. KECI - Korean Existing Chemicals Inventory</b>	All chemical constituents are listed in: Korea. KECI - Korean Existing Chemicals Inventory (See chapter 3)
<b>Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances</b>	All chemical constituents are listed in: Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances (See chapter 3)
<b>China. IECSC - Inventory of Existing Chemical Substances in China</b>	All chemical constituents are listed in: China. IECSC - Inventory of Existing Chemical Substances in China (See chapter 3)
<b>Taiwan. Chemical Substances Inventory (TCSI)</b>	All chemical constituents are listed in: Taiwan. Chemical Substances Inventory (TCSI) (See chapter 3)
<b>USA TSCA Inventory</b>	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)

### SECTION 16. Other information

#### Full text of H-Statements



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- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.

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.

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