

Safety Data Sheet

Prop BH

Version 1.15

Revision Date 13.02.2026

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

Product identifier

Trade name Prop BH

Product code 2045

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

Use Solvent

Uses advised against Prohibited for use in production of hand sanitizer.

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

Supplier's details Sasol (China) Chemical Co., Ltd
Nanjing Chemical Industry Park
No.68, Fangshui Road
Nanjing 210047
China

Telephone +86 25 5839 1111

E-mail address info.sg@sasol.com

Emergency Phone Number

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)
025 854477110 (China)

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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

GHS Classification

CHINA. MEM GHS Classification list (Mandatory) (SAWS No. 2015-80, Aug 19,2015, amended through MEM Notice 2022-300, 5 Dec 2022)

Classification	Flammable liquids	Category 3
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Specific target organ toxicity - single exposure	Category 3
	Acute oral toxicity	Category 4

GHS label elements

Hazard pictograms



Signal word

: Danger

Hazard statements

: H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H302 Harmful if swallowed.

Precautionary statements

: **Prevention:**
P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

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P242 Use non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P264+P265 Wash hands thoroughly after handling. Do not touch eyes.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P301 + P317 + P330 IF SWALLOWED: Get medical help. Rinse mouth.
P304 + P340 + P317 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help.
P305 + P354 + P338 + P317 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
P318 IF exposed or concerned, get medical advice.

Storage:

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

Disposal:

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

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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SECTION 3. Composition/information on ingredients

HAZARDOUS INGREDIENTS

propan-1-ol

Contents: ≥ 30.00 - ≤ 60.00 %W/W

CAS-No. 71-23-8

Index-No. 603-003-00-0

EC-No. 200-746-9

Hazard statements *H226 H318 H336*

butan-2-ol

Contents: ≥ 10.00 - ≤ 30.00 %W/W

CAS-No. 78-92-2

Index-No. 603-004-01-3

EC-No. 201-158-5

Hazard statements *H226 H319 H336*

2-methylpropan-1-ol

Contents: ≥ 10.00 - ≤ 30.00 %W/W

CAS-No. 78-83-1

Index-No. 603-108-00-1

EC-No. 201-148-0

Hazard statements *H226 H315 H318 H336*

butan-1-ol

Contents: < 15.00 %W/W

CAS-No. 71-36-3

Index-No. 603-004-00-6

EC-No. 200-751-6

Hazard statements *H226 H315 H318 H336*

3-Methyl-2-butanol

Contents: < 10.00 %W/W

CAS-No. 598-75-4

Index-No. 603-006-00-7

EC-No. 209-950-2

Hazard statements *H225*



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pentan-2-ol

Contents: < 10.00 %W/W

CAS-No. 6032-29-7

Index-No. 603-006-00-7

EC-No. 227-907-6

Hazard statements *H226 H315 H335*

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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 breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
Eye contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Get medical attention immediately
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. 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, CO2, Dry powder.
Unsuitable extinguishing media	Do NOT use water jet.
Special hazards arising from the substance or mixture	Hazardous decomposition products
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

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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. Use non-sparking tools. Shut off all sources of ignition.
Environmental precautions	Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water 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

SECTION 7. Handling and storage

Safe handling advice	Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Ensure all equipment is electrically grounded before beginning transfer operations.
Advice on protection against fire and explosion	No data available
Requirements for storage areas and containers	Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Provide sufficient air exchange and/or exhaust in work rooms.
Advice on common storage	No data available

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Components	Type	Control parameters	Update	Basis
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PROPYL ALCOHOL	PC-TWA	200 mg/m ³	03 2008	China OELs
PROPYL ALCOHOL	STEL	300 mg/m ³	03 2008	China OELs
BUTYL ALCOHOL	PC-TWA	100 mg/m ³	03 2008	China OELs

Exposure controls

Engineering measures

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

Personal protective equipment

Respiratory protection Wear self-contained breathing apparatus and protective suit.

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 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	Colourless
Odour	Alcohol-like
Odour Threshold	No data available
pH	Not applicable
Melting point/range	No data available
Boiling point/boiling range	99 - 113 °C
Flash point	27 °C; closed cup
Evaporation rate	No data available

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Flammability (solid, gas)	No data available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Lower explosion limit	1.4 %(V)
Upper explosion limit	13.7 %(V)
Vapour pressure	No data available
Relative vapour density	No data available
Density	0.805 g/cm ³ ; 20 °C
Solubility/qualitative	completely soluble
Water solubility	completely miscible, completely soluble
Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	3.46 mm ² /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	Acute toxicity estimate : 632.91 mg/kg; Calculation method;
Acute inhalation toxicity	Acute toxicity estimate : 4 h; vapour; 25 mg/l; Calculation method;

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Acute dermal toxicity	Acute toxicity estimate : 2,500 mg/kg; Calculation method;
Skin irritation	propan-1-ol: Rabbit: No skin irritation; OECD Test Guideline 404 (literature value)
Skin irritation	2-methylpropan-1-ol: Rabbit: irritating; (literature value)
Skin irritation	butan-1-ol: Rabbit: irritating; OECD Test Guideline 404 GLP: no; (literature value)
Eye irritation	propan-1-ol: Rabbit: Risk of serious damage to eyes. Category 1; OECD Test Guideline 405 (literature value)
Eye irritation	2-methylpropan-1-ol: Rabbit: irritating (literature value)
Eye irritation	butan-2-ol: Rabbit: irritating OECD Test Guideline 405 1 d; GLP: yes; (literature value)
Eye irritation	butan-1-ol: Rabbit: irritating GLP: no; (literature value)
Sensitisation	propan-1-ol: Maximisation Test; Guinea pig: Not sensitizing; OECD Test Guideline 406; (literature value), Based on available data, the classification criteria are not met.
Mutagenicity	2-methylpropan-1-ol: Experiments showed mutagenic effects in cultured bacterial cells. Ames test: Salmonella typhimurium; with and without; Not mutagenic; (literature value)
Mutagenicity	propan-1-ol: In vitro tests did not show mutagenic effects; (literature value)
Mutagenicity	butan-1-ol: Ames test: Salmonella typhimurium; with and without; Not mutagenic; OECD Test Guideline 471; GLP: no; (literature value)

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SECTION 12. Ecological information

Toxicity to fish	butan-1-ol: flow-through test; Pimephales promelas; 96 h; LC50; 1,730 mg/l; GLP: no; (literature value)
Toxicity to fish	propan-1-ol: semi-static test; Pimephales promelas (fathead minnow); 96 h; LC50; > 100 mg/l; OECD Test Guideline 203; (literature value)
Toxicity to daphnia and other aquatic invertebrates	butan-1-ol: static test; Daphnia magna; 48 h; EC50; 1,983 mg/l; GLP: no; (literature value)
Toxicity to daphnia and other aquatic invertebrates	propan-1-ol: static test; Daphnia magna (Water flea); 48 h; EC50; > 100 mg/l(literature value)
Toxicity to algae	propan-1-ol: static test; Pseudokirchneriella subcapitata (microalgae)Growth rate; 48 h; EC50; > 100 mg/l; (literature value)
Biodegradability	butan-1-ol: aerobic; activated sludge of a predominantly domestic sewage; 3 mg/l; 92 %; 20 d; Readily biodegradable.; GLP: no; (literature value)
Biodegradability	2-methylpropan-1-ol: aerobic; 100 mg/l; > 70 %; 14 d; Readily biodegradable.; OECD Guideline 301 A (new version); (literature value)
Biodegradability	propan-1-ol: aerobic; 70 %; 20 d; Readily biodegradable.; OECD Guideline 301 D; (literature value)
Bioaccumulation	propan-1-ol: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected., (literature value)
Mobility in soil	No data available
Results of PBT and vPvB assessment	Substance is not persistent, bioaccumulative, and toxic (PBT). Substance is not very persistent and very bioaccumulative (vPvB).

SECTION 13. Disposal considerations

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Disposal should be in accordance with local, regional and national
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Packaging

legislations.
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: 1987
Class: 3
Packaging group: III; F1;
Proper shipping name: ALCOHOLS, N.O.S.
 (n-propanol, butanols)

RID

UN number: 1987
Class: 3
Packaging group: III; F1
Proper shipping name: ALCOHOLS, N.O.S.
 (n-propanol, butanols)

ADNR

UN number: 1987
Class: 3

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Packaging group: III; F1
Proper shipping name: ALCOHOLS, N.O.S.
 (n-propanol, butanols)

IMDG

UN number: 1987
Class: 3
EmS: F-E, S-D
Packaging group: III
Proper shipping name: ALCOHOLS, N.O.S.
 (n-propanol, butanols)

Marine pollutant Not a Marine Pollutant

ICAO/IATA

UN number : 1987
Class: 3
Packaging group: III
Proper shipping name: ALCOHOLS,N.O.S.
 (n-propanol, butanols)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Noxious liquid. NF, (8) n.o.s (Prop BH, contains-n-Propyl alcohol)
 Ship Type: 3

POLLUTION CATEGORY: Y

SECTION 15. Regulatory information

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

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 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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

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



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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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