



SASOL

Safety Data Sheet

HHBTA

Version 1.00

Revision Date 29.08.2018

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

Product identifier

Trade name HHBTA

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

Use Industrial use.

Manufacturer or supplier's details

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

Address Sasol Place, 50 Katherine Street
Sandton
2090
South Africa

Telephone +27103445000

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

Emergency Phone Number

Emergency telephone +44 (0)1235 239 670 (Europe, Israel, Africa, Americas)

number +44(0)1235 239 671 (Middle East, Arabic African countries)

+65 3158 1074 (Asia Pacific)

+86 10 5100 3039 (China)

+27 (0)17 610 4444 (South Africa)

+61 (2) 8014 4558 (Australia)

SECTION 2. Hazards identification

Classification of the substance or mixture

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

Classification	Acute oral toxicity	Category 3
	Acute dermal toxicity	Category 3
	Skin corrosion	Category 1
	Hazardous to the aquatic environment - chronic hazard	Category 2

Label elements

Pictogram



Signal word

Danger

Hazard statements

H301: Toxic if swallowed.
 H311: Toxic in contact with skin.
 H314: Causes severe skin burns and eye damage.
 H411: Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P260: Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 P264: Wash hands thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P281: Use personal protective equipment as required.

Response

P330: Rinse mouth.

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P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310: Immediately call a POISON CENTER/doctor.

P363: Wash contaminated clothing before reuse.

Storage

P405: Store locked up.

Disposal

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

Other hazards

No data available

SECTION 3. Composition/information on ingredients

Mixture

Tar acids, polyalkylphenol fraction; Distillate Phenols

Contents: >= 40.00 - < 80.00 %W/W

CAS-No. 84989-05-9

Index-No. 648-121-00-3

EC-No. 284-893-4

Xylenol

Contents: >= 10.00 - < 30.00 %W/W

CAS-No. 1300-71-6

Index-No. 604-006-00-X

EC-No. 215-089-3

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Hazard statements *H301 H311 H314 H411*

Cresol

Contents: 5.00 %W/W

CAS-No. 1319-77-3

Index-No. 604-004-00-9

EC-No. 215-293-2

Hazard statements *H301 H311 H314*

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. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

Skin contact

Rapid skin decontamination is critical. Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water. Apply PEG/EtOH solution liberally to affected area. Allow to remain 15 to 30 seconds, then wash with water. Continue cycle of water and PEG/EtOH solution for at least 15 minutes. (PEG/EtOH solution consists of 2 parts polyethylene glycol 400 to 1 part ethanol. For external use only.) Wash off with soap and water. Wash contaminated clothing before re-use. Call a physician immediately.

Eye contact

Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately. Danger of very serious irreversible effects

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



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person.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Dry chemical Alcohol-resistant foam Water spray.
Unsuitable extinguishing media	Do NOT use water jet.
Special hazards arising from the substance or mixture	Do not use a solid water stream as it may scatter and spread fire.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

Personal precautions	Keep people away from and upwind of spill/leak. Do not breathe vapours or spray mist.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Hose down gases, fumes and/or dust with water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. The material taken up must be disposed of in accordance with regulations.



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Reference to other sections Refer to Section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment.
Advice on protection against fire and explosion	No data available
Requirements for storage areas and containers	Keep locked up.Keep containers tightly closed in a dry, cool and well-ventilated place.Keep away from sources of ignition - No smoking.
Advice on common storage	No data available

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

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.

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



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Material thickness: 0.5 mm

Eye protection	Full face-shield
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; 101.3 kPa
Colour	dark
Odour	Phenol-like
Odour Threshold	No data available
Boiling point/boiling range	300 ° C
Flash point	104 ° C; 101.3 kPa; closed cup
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Relative vapour density	No data available
Density	1.07 g/cm ³ ; 20 ° C
Viscosity, dynamic	492 mPa.s; 25 ° C; Brookfield method

SECTION 10. Stability and reactivity



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Reactivity	Stable under normal conditions. To avoid thermal decomposition, do not overheat.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Heat
Materials to avoid	Oxidizing agents. Acids
Hazardous decomposition products	No data available

SECTION 11. Toxicological information

Acute inhalation toxicity	No data available
Acute dermal toxicity	Phenol:
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	This information is not available.

SECTION 12. Ecological information

Toxicity to fish	No data available
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Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to daphnia and other aquatic invertebrates	Xylenol: Daphnia magna; 24 h; LC50; 150 mg/l; literature value;
Toxicity to algae	No data available
Toxicity to fish	No data available
Biodegradability	No data available
Bioaccumulation	No data available

SECTION 13. Disposal considerations

Product	Dispose of as special waste in compliance with local and national regulations.
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SECTION 14. Transport information

ADR

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

RID

UN number:	2810
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Class: 6.1

Packaging group: II; T1

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

IMDG

UN number: 2810

Class: 6.1

EmS: F-A, S-A

Packaging group: II

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

Marine pollutant Marine pollutant

ICAO/IATA

UN number : 2810

Class: 6.1

Packaging group: II

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



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(cresylic acid)

SECTION 15. Regulatory information

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

USA TSCA Inventory	Components Not listed Tar acids, polyalkylphenol fraction
Canadian Domestic Substances List (DSL)	Components Not listed Tar acids, polyalkylphenol fraction
Australian Inv. of Chem. Substances (AICS)	Components Not listed Tar acids, polyalkylphenol fraction
New Zealand Inventory of Chemicals (NZIoC)	Components Not listed
Jap. Inv. of Exist. & New Chemicals (ENCS)	Components Not listed Tar acids, polyalkylphenol fraction
Japan. Industrial Safety & Health Law (ISHL)	Components Not listed Tar acids, polyalkylphenol fraction
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)	Components Not listed Tar acids, polyalkylphenol fraction xylenol
China Inv. Existing Chemical Substances (IECSC)	Components Not listed Tar acids, polyalkylphenol fraction



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SECTION 16. Other information

Full text of H-Statements

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H411 Toxic 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 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.