



# Safety Data Sheet

## MP Cresol 70

Version 1.01

Revision Date 17.12.2021

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

#### Product identifier

Trade name MP Cresol 70

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

Use Solvent. Raw material for cleansing agents and disinfectants.  
Raw material for washing and cleaning agents. Used in the paint industry. Used in ore flotation.

#### 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

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)  
+86 400 120 6011 (China)  
+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	Acute oral toxicity	Category 3
	Acute dermal toxicity	Category 3
	Skin corrosion	Category 1B

# Safety Data Sheet

## MP Cresol 70

Version 1.01

Revision Date 17.12.2021

Serious eye damage	Category 1
Long-term (chronic) aquatic hazard	Category 2

### Label elements

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

Hazard pictograms



Signal word

: Danger

Hazard statements

: H301 Toxic if swallowed.  
 H311 Toxic in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H318 Causes serious eye damage.  
 H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements



**sasol**

## Safety Data Sheet

### MP Cresol 70

Version 1.01

Revision Date 17.12.2021

#### Prevention

- P273 Avoid release to the environment.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- P264 Wash the contact area thoroughly after handling.

#### Response

- P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth.
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
- P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
- P302 + P352 IF ON SKIN: Wash with plenty of water.
- P370 + P378 In case of fire: Use Water spray, Dry chemical, Alcohol-resistant foam and Aqueous film forming foam (AFFF) to extinguish.

#### Storage

- P391 Collect spillage.
- P403 Store in a well-ventilated place.
- P405 Store locked up.

#### Disposal

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

#### Other hazards

None known.

### SECTION 3. Composition/information on ingredients

#### HAZARDOUS INGREDIENTS

Phenol, carboic acid; monohydroxybenzene; phenyl alcohol

Contents: <= 0.10 %W/W

CAS-No. 108-95-2

Index-No. 604-001-00-2

EC-No. 203-632-7

Hazard statements H301 H311 H331 H373 H314 H341

# Safety Data Sheet

## MP Cresol 70

Version 1.01

Revision Date 17.12.2021

### Cresol

**Contents:**  $\geq 67.50$  %W/W

**CAS-No.** 1319-77-3

**Index-No.** 604-004-00-9

**EC-No.** 215-293-2

**Hazard statements** *H314 H301 H311*

### Xylenol

**Contents:**  $\leq 32.00$  %W/W

**CAS-No.** 1300-71-6

**Index-No.** 604-006-00-X

**EC-No.** 215-089-3

**Hazard statements** *H314 H301 H311 H411*

## Safety Data Sheet

### MP Cresol 70

Version 1.01

Revision Date 17.12.2021

#### SECTION 4. First aid measures

##### Description of necessary first-aid measures

<b>Inhalation</b>	Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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
<b>Ingestion</b>	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

<b>Suitable extinguishing media</b>	Dry chemical. Alcohol-resistant foam. Water spray. Aqueous film forming foam (AFFF).
-------------------------------------	--

# Safety Data Sheet

## MP Cresol 70

Version 1.01

Revision Date 17.12.2021

<b>Unsuitable extinguishing media</b>	Do NOT use water jet.
<b>Special hazards arising from the substance or mixture</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

### SECTION 6. Accidental release measures

<b>Personal precautions</b>	Keep people away from and upwind of spill/leak. Do not breathe vapours or spray mist.
<b>Environmental precautions</b>	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.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material and dispose of as hazardous waste. 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>	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Avoid ingestion. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Ensure adequate ventilation.
<b>Advice on protection against fire and explosion</b>	No data available.
<b>Requirements for storage areas and containers</b>	Keep locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition - No smoking.
<b>Advice on common storage</b>	No data available.

**sasol**

# Safety Data Sheet

## MP Cresol 70

Version 1.01

Revision Date 17.12.2021

### SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

#### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Components	Type	Control parameters	Update	Basis
PHENOL	TWA	19 mg/m <sup>3</sup>	1995	South Africa RELs
PHENOL	TWA	5 ppm	1995	South Africa RELs
PHENOL	STEL	38 mg/m <sup>3</sup>	1995	South Africa RELs
	STEL	10 ppm	1995	South Africa RELs

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 Material thickness: 0.5 mm
Eye protection	Full face-shield. Goggles
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

**sasol**

## Safety Data Sheet

### MP Cresol 70

Version 1.01

Revision Date 17.12.2021

State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	Yellow
Odour	Antiseptic
Odour Threshold	No data available.
Melting point/range	No data available.
Boiling point/boiling range	200.1 - 209.4 ° C; 101.3 hPa; ASTM D86
Flash point	98 ° C; ASTM D 93 - 85
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	No data available.
Decomposition	No data available.
Temperature	
Lower explosion limit	No data available.
Upper explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	1.03 g/cm <sup>3</sup>
Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available.
Viscosity, kinematic	17.60 mm <sup>2</sup> /s; 20 ° C

#### SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Exposure to strong oxidizers can result in exothermic reactions and potentially hazardous by-product.
Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Oxidizers.
Hazardous decomposition products	Thermal decomposition can lead to release of vapours. Carbon dioxide. Carbon monoxide.

#### SECTION 11. Toxicological information

Acute oral toxicity

Cresol:



**sasol**

## Safety Data Sheet

### MP Cresol 70

Version 1.01

Revision Date 17.12.2021

	LD50 Rat: 300 - 2,000 mg/kg; Liver ;
Acute oral toxicity	Xylenol: Acute toxicity estimate : 100 mg/kg; Converted acute toxicity point estimate;
Acute dermal toxicity	Cresol: Acute toxicity estimate : 300 - 1,000 mg/kg; Converted acute toxicity point estimate;
Acute dermal toxicity	Xylenol: Acute toxicity estimate : 300 mg/kg; Converted acute toxicity point estimate;
Skin irritation	Cresol: Rabbit: Corrosive; Severe skin irritation Causes skin burns. (literature value)
Eye irritation	Cresol: Causes severe eye burns., Severe eye irritant

#### SECTION 12. Ecological information

Toxicity to fish	Toxic to aquatic life with long lasting effects.
Toxicity to daphnia and other aquatic invertebrates	Xylenol: Daphnia magna; 24 h; LC50; 150 mg/l
Toxicity to algae	No data available.
Toxicity to bacteria	No data available.
Chronic toxicity in aquatic invertebrates	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.
Packaging	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

# Safety Data Sheet

## MP Cresol 70

Version 1.01

Revision Date 17.12.2021

### SECTION 14. Transport information

#### DG Pictogram



#### ADR

UN number: 2076  
Class: 6.1, (8)  
Packaging group: II; TC1;  
Proper shipping name: CRESOLS, LIQUID

#### RID

UN number: 2076  
Class: 6.1, (8)  
Packaging group: II; TC1  
Proper shipping name: CRESOLS, LIQUID

#### ADNR

UN number: 2076  
Class: 6.1, (8)  
Packaging group: II; TC1  
Proper shipping name: CRESOLS, LIQUID

#### IMDG

UN number: 2076  
Class: 6.1, (8)  
EmS: F-A, S-B  
Packaging group: II  
Proper shipping name: CRESOLS, LIQUID

Marine pollutant Marine pollutant

#### ICAO/IATA

UN number : 2076  
Class: 6.1, (8)  
Packaging group: II  
Proper shipping name: CRESOLS, LIQUID

# Safety Data Sheet

## MP Cresol 70

Version 1.01

Revision Date 17.12.2021

### SECTION 15. Regulatory information

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

<b>Inv. of Exist. Chem. Substances in China</b>	All chemical constituents are listed in: Inv. of Exist. Chem. Substances in China (See chapter 3)
<b>USA TSCA Inventory</b>	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)
<b>Canadian Domestic Substances List (DSL)</b>	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
<b>Australian Inv. of Chem. Substances (AICS)</b>	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
<b>New Zealand Inventory of Chemicals (NZIoC)</b>	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
<b>Jap. Inv. of Exist. &amp; New Chemicals (ENCS)</b>	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
<b>Japan. Industrial Safety &amp; Health Law (ISHL)</b>	All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)
<b>Korea. Existing Chemicals Inventory (KECI)</b>	All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>	All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3)
<b>China Inv. Existing Chemical Substances (IECSC)</b>	All chemical constituents are listed in: China Inv. Existing Chemical Substances (IECSC) (See chapter 3)

### SECTION 16. Other information

#### Full text of H-Statements

H301 Toxic if swallowed.

## Safety Data Sheet

### MP Cresol 70

Version 1.01

Revision Date 17.12.2021

- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H331 Toxic if inhaled.
- H341 Suspected of causing genetic defects.
- H373 May cause damage to organs through prolonged or repeated exposure.
- 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.