

# Safety Data Sheet



## 1. Identification

**Product Information:** 00671720

**Family:** 505

**Product Name:** POLIURETEK MC 671

**Recommended Use:** Additive

**Supplied by/Manufacturer:** SUR QUIMICA S.A.  
Calle 38, contiguo al Cementerio La Uruca.  
San José, Costa Rica, Centroamérica  
Tel Información: (506) 2211-3700,  
Fax: (506) 2256-0690

**Emergency Telephone:** CHEMTREC: 1-800-424-9300 INTERNATIONAL: (506) 2211-3911

**Safety Data Sheet Coordinator:** sds@gruposur.com

## 2. Hazards Identification

### GHS Classification

Carc 1A, Resp. Sens. 1, Skin Irrit. 2, Skin Sens. 1, STOT RE 2

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Respiratory Sensitizer, category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Carcinogenicity, category 1A	H350	May cause cancer
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.

### GHS LABEL PRECAUTIONARY STATEMENTS

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	In case of inadequate ventilation wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P321	Specific treatment (see FIRST AID on this sheet).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

P342+P311  
P362+P364  
P501

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
Take off contaminated clothing and wash it before reuse.  
Remove the contents / container according to the General Regulation for the Classification and Management of Hazardous Waste No. 41527-S-MINAE (Applies to Costa Rica). Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Xilene	1330-20-7	2.5- 10	GHS02-GHS07-	H303-313-315
Aromatic Petroleum Hidrocarbon	64742-95-6	2.5- 10	GHS08-GHS09	H226-303-304-317-335-336-411
n-Butyl Acetate	123-86-4	2.5- 10	GHS02-GHS07	H225-315-320-332-336-402
4-Toluenosulfonil-isocianato	4083-64-1	1.0-2.5	GHS07-GHS08	H303-315-319-334-335
Silica	14464-46-1	1.0- 2.5	GHS07-GHS08	H350-372

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### 4. First-aid Measures



**FIRST AID - INHALATION:** Artificial respiration and/or oxygen may be necessary. Keep the victim calm. Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves. Oxygen or artificial respiration if needed. If inhaled, remove to fresh air. Give oxygen if necessary. Consult a physician if symptoms persist or exposure is severe.

**FIRST AID - SKIN CONTACT:** Seek medical advice. In case of skin contact, wash immediately with plenty of water for at least 20 minutes. In case of contact, wash skin immediately with soap and water. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. In case of burns, immediately wash skin with cold water. Seek medical advice. Do not remove clothes stick to the skin. Seek medical advice.

**FIRST AID - EYE CONTACT:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**FIRST AID - INGESTION:** If ingested, do not induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.

### 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not flammable. No special fire-fighting procedures are required.

**SPECIAL FIREFIGHTING PROCEDURES:** Not combustible. Non-combustible substances do not ignite on their own.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

### 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** Do not allow to enter drains, sewers, or sewers.  
Inform the authorities in the event of a leak in natural water courses or in the sewage system.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Keep unauthorized personnel away. Stay upwind, uphill and/or upstream. Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Use clean, non-sparking tools to collect absorbed material. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container.

### 7. Handling and Storage



**HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children. Take precautionary measures against static discharges. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning.

**STORAGE:** Keep in a dry, cool and well-ventilated place. Once used, the container should be closed and keep in a well ventilated area and in vertical position to prevent losses. Keep containers closed when not in use.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Silica	N.E.	N.E.	N.E.	N.E.
Xilene	20 ppm 8h	150 ppm 15 min	100 ppm 8h	N.E.
Aromatic Petroleum Hidrocarbon	25	N.E.	N.E.	N.E.
n-Butyl Acetate	150 ppm	N.E.	N.E.	N.E.
4-Toluenosulfonil-isocianato	N.D.	N.E.	N.D.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** In case of insufficient ventilation, wear suitable respiratory equipment.



**SKIN PROTECTION:** Wear nitrile or neoprene gloves. Gloves should be inspectet before use. Use the correct technique to remove the gloves (without touching the exterior surface) to prevent skin contact with the product.



**EYE PROTECTION:** Wear chemical goggles and faceshield (if not wearing a full facepiece respirator). Wear approved eye protection according to applicable governmental regulations.



**OTHER PROTECTIVE EQUIPMENT:** When required, according to the concentration of the product, wear chemical protective clothing with limited thermal protection.



**HYGIENIC PRACTICES:** Wash hands and face before breaks and immediately after handling the product. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Characteristic	<b>Odor Threshold, ppb:</b>	No Information
<b>Density, g/ml:</b>	1.676	<b>pH:</b>	No Information
<b>Freeze Point, °C:</b>	No Information	<b>Viscosity, cP:</b>	No Information
<b>Solubility in Water:</b>	No	<b>Partition Coefficient, n-octanol/water:</b>	No Information
<b>Decomposition temperature, °C</b>	No Information		
<b>Boiling Range, °C:</b>	0 - 0	<b>Explosive Limits, %:</b>	0.0 - 12.0
<b>Combustibility:</b>	Sin Información	<b>Flash Point, °C:</b>	100
<b>Evaporation Rate:</b>	No Information	<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Vapor Density:</b>	No Information	<b>Vapor Pressure, mmHg:</b>	No Information

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Avoid contact with skin.

**INCOMPATIBILITY:** Oxidizing agents, strong acids and strong bases. Keep away from strong oxidizing agents, heat and open flames.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition can lead to release of irritating gases and vapors.

## 11. Toxicological Information



### Practical Experiences

#### INFORMATION ON TOXICOLOGICAL EFFECTS

**Acute Toxicity:** No Information

**Skin corrosion/irritation:** No Information

**Serious eye damage/eye irritation:** No Information

**Respiratory or skin sensitisation:** No Information

**Germ cell mutagenicity:** No Information

**Carcinogenicity:** No Information

**Reproductive toxicity:** No Information

**Specific target organ toxicity - single exposure:** No Information

**Specific target organ toxicity - repeated exposure:** No Information

**Aspiration hazard:** No Information

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50 (mg/kg)</u>	<u>Vapor LC50</u>
1330-20-7	Xilene	> 4300	>4200	> 30
64742-95-6	Aromatic Petroleum Hidrocarbon	>3492	>5000	>20
123-86-4	n-Butyl Acetate	10760	>14000	>20
4083-64-1	4-Toluenosulfonil-isocianato	2600	>5000	>20

N.I. = No Information

**Toxicidad Dermal del producto:** 63,103.57 mg/kg

## 12. Ecological Information

**Toxicity:** No Information

**Persistence and Degradability:** No Information

**Bioaccumulative potential:** No Information

**Mobility in the soil:** No Information

**Other adverse effects:** No Information

## 13. Disposal Information

**DISPOSAL METHOD:** Prevent entry into waterways, sewers, basements or confined areas.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

**Sea Transport**

UN Number: Not regulated  
 IMDG/GGVSee Class: Not regulated  
 Packing Group: Not regulated  
 Shipping Name: Not regulated  
 Marine Pollutant: No  
 Shipping Hazard(Marine Pollutant): No Information

**Air Transport**

UN Number: Not regulated  
 ICAO/IATA Class: No regulado  
 Packing Group: Not regulated  
 Shipping Name: Not regulated

**15. Regulatory Information**

No information available

**16. Other Information**

Revision Date: 4/6/2025 Supersedes Date: New MSDS  
 Reason for revision: No Information  
 Datasheet produced by: SUR Química S.A.

**Hazardous Material Information System: HMIS**

Health	1	Flammability	1	Reactivity	0	Personal Protection	B	Chronic Hazard	No	Target Organ	N/A
--------	---	--------------	---	------------	---	---------------------	---	----------------	----	--------------	-----

**National Fire Protection Association: NFPA**

Flammability	1	Health	1	Reactivity	0	Special Hazards	N/A
--------------	---	--------	---	------------	---	-----------------	-----

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 H303 May be harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H313 May be harmful in contact with skin.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H320 Causes eye irritation  
 H332 Harmful if inhaled.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H402 Harmful to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS02



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained in this safety sheet has been prepared for SUR QUIMICA S.A. based on the data provided by suppliers and manufacturers of the raw materials involved. This document is intended to be a guide for safe use according to use. The user receiving this information must be properly trained and be able to use his independent judgment to determine its applicability in particular uses. This safety data sheet (SDS) does not in any way exempt the user from knowing and complying with the good practices and rules of use applicable to their activity. The user must assume full responsibility to know and take precautions related to the use of the product. The exposure scenario is subject to revision and changes. The user must ensure that they have the latest version of the FDS. The updated versions are available on the website [www.gruposur.com](http://www.gruposur.com)