

# MATERIAL SAFETY DATA SHEET acc. to EC reg. N°1907/2006

In the version of the regulation N° EU 2020/878

Product: MAXIMEX Carpet cleaning powder

Date: 05.08.25

Version date: 05.08.25

## **SECTION 1: Identification of the substance or the mixture and of the company**

1.1 Identification of the substance/mixture: MAXIMEX Carpet cleaning powder

UFI: not necessary

1.2. Relevant identified uses of the substance/mixture and identified uses advised against:

Cleaner for textiles/fabrics

Identified uses advised against: All other with exception of those listed above.

1.3. Details on the supplier/distributor providing this datasheet

Manufacturer: POLYCOMP R. Reinders GmbH

Reeser Straße 563

47546 Kalkar/Germany

Tel. +49-2824/9714-0

E-Mail: [info@polycomp-rr-gmbh.de](mailto:info@polycomp-rr-gmbh.de)

Supplier: MAXIMEX GmbH & Co. KG

Im Hülsenfeld 10

40721 Hilden/Germany

Tel. +49-2103/573-0

1.4. Emergency numbers:

In case of accidents or intoxication please contact your local/national toxicological center or contact the supplier under the above phone number (daily 09.00-16.30 hrs.). For questions about this MSDS please contact Mr. Labonde, Fon 02103-573-0 (08.00-17.00 hrs.); Mail: [d.labonde@maximex.eu](mailto:d.labonde@maximex.eu)

## **SECTION 2: Hazards identification**

2.1 Classification of the substance/mixture acc. to EC reg. 1272/2008 [CLP]:

**none**

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## 2.2 Labelling elements acc. to EC reg. N° 1272/2008

Symbols (GHS): none

Hazard pictogram(s):

none

Signal word:

**none**

Hazard phrases (H-phrases):

None

Precautionary phrases (P-phrases):

none

Hazardous component(s) for labelling:

none

Other labelling (EUH-phrases): none

## 2.3 Other hazards: none

Data on PBT- or vPvB-substances:

This product does not contain any substances above 0,1% w/w, which are considered to be PBT or vPvB according to annex XIII REACH (1907/2006/EC)

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## ABSCHNITT 3: Composition/information on ingredients

3.1 Substances: product is a mixture.

3.2 Mixtures:

| CAS-Nr./<br>EC-Nr.       | REACH-Nr. /<br>Index-Nr. in<br>CLP Ann.VI      | Name   | Classification acc. to<br>EC 1272/2008 (CLP)  | Content<br>(range)<br>in % w/w |
|--------------------------|--|--|---|--------------------------------|
| 68439-57-6/<br>270-407-8 | 01-<br>2119513401-<br>57-XXXX/<br>-            | Sulfonic acid, C14-16-Alkanhydroxy-<br>and C14-16-Alken-, sodium salts   | Skin Irrit.2, H315<br>Eye Dam.1, H318   | 0,1-<0,5                       |
| 85586-07-8/<br>287-809-4 | 01-<br>2119489463-<br>28-XXXX/<br>-            | Sulfuric acid, Mono-C12-14-alkylester,<br>sodium salt  | Acute Tox.4, H302<br>Skin Irrit.2, H315<br>Eye Dam.1, H318<br>Aquat Chron.3, H412   | 0,1-<0,5                       |
| 5989-27-5/<br>227-813-5  | 01-<br>2119529223-<br>47-XXXX/<br>601-029-00-7 | D-Limonen ((R)-p-mentha-1,8-dien)  | Flam. Liq.3, H226<br>Skin Irrit.2, H315<br>Skin Sens.1, H317<br>Aquat. Acute1, H400<br>Aquat. Chron.1, H410   | < 0,1                          |
| 52-51-7/<br>200-143-0    | 01-<br>2119980938-<br>15-XXXX<br>/603-085-00-8 | Bronopol (INN)<br>M-Faktor:<br>Acute Tox (oral) 4; H302: C ≥ 10%   | Acute Tox.3 (oral), H302<br>Acute Tox.4 (derm), H312<br>Skin Irrit.2, H315<br>Eye Dam.1, H318<br>STOT SE3, H335<br>Aquat. Acute 1, H400                               | < 0,1                          |
| 55406-53-6/<br>259-627-5 | 01-<br>2120762115-<br>60-XXXX<br>/616-212-00-7 | 3-Iod-2-propinylbutylcarbamate (IPBC)<br><br>M-Faktor:<br>Acute Tox (oral) 4; H302: C ≥ 10%<br>M (Chronic) = 1 | Acute Tox.4(or), H302<br>Skin Sens.1A, H317<br>Eye Dam.1, H318<br>Acute Tox.3(inhal), H331<br>STOT RE1, H372 (larynx)<br>Aquat. Acute 1, H400<br>Aquat. Chron.1, H410 | < 0,01                         |

Specific concentration ranges (SCL) and ATE-values are given along the respective component.

For full text H-Phrases see Section 16

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## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

- general: Remove endangered persons from the danger zone. Observe self-protection. In case of diffuse symptoms seek medical help. Do not administer anything by mouth to unconscious persons.

- after inhalation: Keep person calm. Supply fresh air. Contact a doctor if necessary.

- after skin contact: Wash off with soap and water. Change contaminated or product-stained clothing.

- after eye contact: Rinse thoroughly with water immediately. Remove contact lenses, if possible, without danger. Contact a doctor if irritations occur.

- after swallowing: Rinse mouth with cold water. Do not induce vomiting. Contact a doctor immediately.

### 4.2. Most important symptoms and effects, both acute and delayed:

No special

### 4.3. Indication of any immediate medical attention and special treatment needed: symptomatic treatment

## **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media:

Suitable extinguishing media: Water mist, Water spray, foam, powder, CO<sub>2</sub>

Unsuitable extinguishing media: water jet

### 5.2 Special hazards arising from the substance or mixture

Dangerous combustion products: CO, CO<sub>2</sub>, HC

### 5.3 Advice for firefighters

Take care of self-protection. Use a respirator if necessary. Use personal protective equipment. Hold back and contain extinguishing media and dispose accordingly.

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## **SECTION 6: Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 Advice for non-emergency personal:

In case of accident or spillage, avoid any skin- and/or eye-contact. Wear personal protective equipment. Keep away from heat or sources of ignition. Do not breathe fumes or aerosols. Remove all sources of ignition. Take care of good ventilation. Danger of slipping on spilled product.

protective equipment: rubber gloves

Measures to be applied in emergency situations: clean up spilled product. Put down aerosols with water. Do not breathe vapours, aerosols or combustion gases. Avoid open flame or sparking.

#### 6.1.2 Advice for emergency responders: no special

6.2 Environmental precautions: Do not discharge uncontrolled into sewers or surface waters. In case of accident inform the police or fire-fighters immediately.

### 6.3 Methods and material for containment and cleaning up:

#### 6.3.1 Hold back: product is solid

6.3.2 Cleaning procedures: clean up with warm water and a household detergent.

#### 6.3.3 Other measures: no

6.4 Reference to other sections: personal protection equipment, see section 8, disposal, see section 13

## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

Precautions to avoid fire: Product is not inflammable. Do not smoke. Keep away from sources of ignition.

Precaution to avoid dust or aerosols: Use and store in well-ventilated areas only.

Precautions for environment protection: dispose complete emptied containers only.

Hygiene measures: wash hands after each use or each contact.

7.2 Conditions for safe storage, including any incompatibilities: Do not store at temperatures under 0°C or beyond 40°C.

Packing materials: PE/PET

Storage rooms and containers: Storage only in original containers and out of reach of children.

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Storage class (Germany): 11-13 – flammable/not flammable solid materials n.o.s.

7.3 Specific end use(s): cleaner

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### AGW-Values (workplace limits)

| Substance name                 | CAS-Nr     | AGW (work limit)        |                         | KZGW (short term limit) |                        | Parameter            |
|--------------------------------|------------|-------------------------|-------------------------|-------------------------|------------------------|----------------------|
| D-Limonen                      | 5989-27-5  | 28 mg/m <sup>3</sup>    | 5 ml/m <sup>3</sup>     | 224 mg/m <sup>3</sup>   | 40 ml/m <sup>3</sup>   | 4(II);DFG; H; Sh; Y  |
| 3-Iod-2-propinylbutylcarbamate | 55406-53-6 | 0,058 mg/m <sup>3</sup> | 0,005 ml/m <sup>3</sup> | 0,106 mg/m <sup>3</sup> | 0,01 ml/m <sup>3</sup> | 2(I); DFG, Y, Sh, 11 |

Sources: TRGS 900

#### BGW-values (biological workplace limits)

| Work substance | CAS | Parameter | BGW | Testing-material | Sample time | Establishing/Reason |
|----------------|-----|-----------|-----|------------------|-------------|---------------------|
|                |     |           |     |                  |             |                     |
|                |     |           |     |                  |             |                     |

**Testing materials:** B = whole blood; B<sub>E</sub> = Erythrocyte fraction of the whole blood; P/S = Plasma/Serum; U = Urine. **Sample time:** a) no limitation; b) end of exposition or shift; c) long term exposition: at the end of shift after several preceding shifts; d) before following shift; e) after end of exposition: hours; f) after min. of 3 months of exposition; g) immediate after exposition; h) before the last shift of the working week

#### DNEL-/DMEL-values

| CAS-Nr./Name | Route and type of exposition |                   |                      |  |  |  |
|--------------|------------------------------|-------------------|----------------------|--|--|--|
|              | Oral, long term              | Dermal, long term | Inhalativ, long term |  |  |  |
|              |                              |                   |                      |  |  |  |
|              |                              |                   |                      |  |  |  |

Effects and target group: W = worker; C = consumer; l = local; s = systemic –bw = body weight

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## **PNEC-values**

| CAS-Nr./<br>Name | Environmental compartment |     |               |               |                     |                     |
|------------------|---------------------------|-----|---------------|---------------|---------------------|---------------------|
|                  | Soil                      | STP | Water (fresh) | Water (marin) | Sediment<br>(fresh) | Sediment<br>(marin) |
|                  |                           |     |               |               |                     |                     |
|                  |                           |     |               |               |                     |                     |

dw = dry weight (Trockengewicht)

8.2 Exposure controls: no

8.2.1 Engineering measures:

Substance/mixture immanent measures: -

Structural measures: Observe the general hygienic measures and precautions when handling chemicals.

8.2.2 Individual protection measures:

8.2.2.1 Eye/face protection: protective goggles (only for professional handlers)

8.2.2.2 Skin protection:

Hand protection: protective gloves (vinyl caoutchouc 0,5mm, PVC 0,4 mm). Penetration time > 4h

Other skin protection: -

8.2.2.3 Respiratory protection: only when high concentration of vapour or aerosols should occur.

8.2.2.4 Thermal hazards: none

8.2.3 Environmental exposure controls: no special required

Substance/mixture immanent measures: no special required

## **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Form: solid, beige-brownish

Odour: characteristic, fresh

Odour threshold: no data

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pH-value: not applicable

Melting point/setting point: no data

Boiling point/boiling range: no data

Flash point: > 60 °C (derived from the properties of single components)

Evaporation speed: no data

Flammability (solid, gas): no data

Lower/upper explosion limit: not analyzed

Vapour pressure (25°C): no data

Vapour density: no data

Relative density (at 20°C): no data

Solubility: not soluble in water

Partition coefficient (n-Octanol/Water): no data

Auto-ignition temperature: not applicable

Decomposition temperature: no data

Viscosity, dynamic (20°C): no data

Explosive properties: not explosive

Oxidizing properties: no data

9.2 Other data: no data

## **SECTION 10: Stability and reactivity**

10.1 Reactivity: Not reactive under normal conditions and when handled properly.

10.2 Chemical stability: Stable under normal conditions and when handled properly.



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10.3 Possibility of hazardous reaction: With strong acids/bases and oxidants.

10.4 Conditions to avoid: High temperatures.

10.5 Incompatible materials: No

10.6 Hazardous decomposition products: CO, CO<sub>2</sub>, HC

## SECTION 11: Toxicological information

### 11.1 Toxicological data

|                                  |   |                  |
|----------------------------------|---|------------------|
| Acute toxicity:                  | No (acc. to the calculation method in Ann.I, part 3, Par.3.1.3 of the CLP-regulation)                               |                  |
| LD <sub>50</sub> (oral)          | Rat   | > 2000 mg/kg bw  |
| LD (dermal)                      | Rabbit  | > 10000 mg/kg bw |
| Corrosion/irritation of the skin | None, resulting from the data given for the single components. The mixture was not tested for this specific hazard. |                  |
| Eye damage/eye irritation:       | None, resulting from the data given for the single components. The mixture was not tested for this specific hazard. |                  |
| Other irritating properties      | None, resulting from the data given for the single components. The mixture was not tested for this specific hazard. |                  |
| Sensitation                      | None, resulting from the data given for the single components. The mixture was not tested for this specific hazard. |                  |
| Danger of aspiration             | None, resulting from the data given for the single components. The mixture was not tested for this specific hazard. |                  |
| STOT SE/RE                       | None, resulting from the data given for the single components. The mixture was not tested for this specific hazard. |                  |
| CMR-properties                   | None, resulting from the data given for the single components. The mixture was not tested for this specific hazard. |                  |
| Other information                | No special  |                  |

The product was not toxicologically tested on these properties. The given data bases on calculation or is derived from literature data or is derived from the properties of the single components.

Components that were taken into account for the calculation method acc. to CLP Ann.I, part 3, Par. 3.1.3:

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| Name | CAS-Nr. | LD <sub>50</sub> (Route of exposure/species) | LC <sub>50</sub> (Route of exposure/species) | ATE (Route of exposure/species) |
|------|---------|--|--|---------------------------------|
|      |         |  |  |                                 |
|      |         |  |  |                                 |
|      |         |  |  |                                 |

Components with acute toxicity: none

Literature: no special

Components with endocrine hazardous properties: none

11.2 Other hazards: no known

## SECTION 12: Ecological information

### 12.1 Toxicity

Acute (short-term-) Toxicity: no

Fish: no data

Chronical (long-term-) Toxicity: no

Fish: no data

### 12.2 Persistence and degradability

Biodegradability: no data

### 12.3 Bio-Accumulation

Octanol/Water-partition coefficient (log K<sub>ow</sub>): no data

Bioconcentration Factor (BCF): no data

12.4 Mobility in soil: no data

12.5 Results of PBT and vPvB assessment: Product is not to be esteemed as PBT or vPvB.

12.6 Other adverse effects: no known

12.7 Other data: no data

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## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

13.1.1 Disposal of product/packaging: Completely emptied containers can be disposed with plastics recycling. Product rests should be disposed at chemicals collecting points.

Waste code/Waste name: -

13.1.2 Data relevant for treatment: -

13.1.3 Data relevant for disposing by sewers: The product is not recommended to be disposed by sewers.

13.1.4 Other advices for disposal: Dispose in accordance with local authorities advise.

## **SECTION 14: Transport regulations**

ADR: does not apply

IMDG: does not apply

IATA: does not apply

14.1. UN-Number: -

14.2. Correct UN shipping name: -

14.3. Classification for transport of hazardous goods:

### • Transport on street or by train (ADR/RID)

UN-Number: -

Official name to be used in transportation documents: -

Class: -

Classification code: -

Packaging group: -

Hazard label code: 9

Special provisions: -

Exempted quantity (EQ): -

Limited quantity (LQ): -

Transportation category: -

Tunnel restriction code: -

Kemmler number: -

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## • Transport by ship/sea vessel (IMDG)

UN-Number: -

Correct UN shipping name: -

Official name to be used in shipper's declaration (IMO): -

Class: -

Marine Pollutant: -

Packaging group: -

Hazard label code: -

Special provisions : -

Exempted quantity (EQ): -

Limited quantity (LQ): -

EmS: -

Stowage category: -

## • Transport by airfreight (ICAO-IATA/DGR)

UN-Number: -

Official name to be used in transportation documents: -

Official name to be used in shipper's declaration: -

Class: -

Packaging group: -

Hazard label code: -

Special provisions: -

Exempted quantity (EQ): -

Limited quantity (LQ): -

14.4. Packaging group: -

14.5. Environmental hazards: -

14.6. Specific precautions for the handler: none

14.7. Bulk transportation according to IMO instruments: not applicable

## **SECTION 15: Regulatory information**

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

EU-Regulations: 1272/2008/EC

Other EU-Regulation: REACH does not apply – product is a mixture.

Water endangering class (Germany): 1 – slight danger for waters (self-classification acc. AwSV)

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15.2 Chemical safety assessment: No safety assessment was made for this product.

## SECTION 16: Other information

Indication of changes or alternations: adjustments to the formulation

### Acronyms:

ADR - Accord européen relatif au transport international des marchandises Dangereuses par Route = European regulation on transportation of dangerous goods by road.

AGW – workplace limit

BGW – biological workplace limit

CAS - Chemical Abstracts Service

CLP - Classification, Labelling and Packaging (Reg. Eu Nr. 1272/2008)

CMR – carcinogen, mutagen, reproduction toxic

DMEL – Derived minimal effect level =

DNEL – Derived no effect level

EC-Number – Ordinate number within the european chemicals inventory

IATA - International Air Transport Association

IMDG – International Maritime Code for Dangerous Goods

LC50 – Letale Konzentration 50%

LD50 – Lethal dose 50%

n.a. – not analyzed

PNEC – Predicted no effect concentration

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals

STOT – Specific target organ toxicity

UFI - Unique Formula Identifier

### Important literature and data sources:

Classification in accordance with regulation EC 1272/2008 [CLP] – Method of classification:

Health hazards: Calculated from the properties of the single components.

Environmental hazards: Calculated from the properties of the single components.

Physical hazards: Based on testing data and/or calculated from the properties of the single components and/or esteemed.

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## Full text H-Statements as used in point 3 (number and wording):

H226 Flammable liquid and vapour

H302 Harmful if swallowed

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage.

H319 Causes serious eye irritation

H331 Toxic if inhaled

H335 May cause respiratory irritation

H372 Causes damage to organs ( state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

## All P-Phrases, not listed in section 2.2.

none

Training advice: no special

Other: The information in this data-sheet accord to our newest and best knowledge. This information does not promise/assure any of the product's attributes and induces no legal claims.

We exclude any liability for damages or injuries resulting from wrong application.

We point out that everyone using this product is responsible for observing his local or national laws or authority advises himself.