

According to Regulation (EC) No 1907/2006

# Maximo Liquid Forte

Version number: 4.1  
Issued: 2025-10-31  
Replaces SDS: 2022-02-21



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

### 1.1. Product identifier

**Trade name**

Maximo Liquid Forte

**UFI code**

8650-EGX8-NF1J-Q442

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

**Relevant identified uses**

Liquid detergent for professional users.

**Not suitable for use in**

All other uses are discouraged.

### 1.3. Details of the supplier of the safety data sheet

**Supplier**

KLEEN PURGATIS GmbH

Address

Dieselstraße 10  
32120 Hiddenhausen  
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Web site

www.kleenpurgatis.de

**Contact person**

Regulatory Affairs

**Email**

info@kleen-purgatis.de

### 1.4. Emergency telephone number

+49 (0)551 - 19240 (GIZ-Nord)

**Available outside office hours**

Yes

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

#### Classification

Eye irritation, hazard category 2

#### Hazard statements

H319

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Warning

#### Hazard statements

H319 Causes serious eye irritation.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P264 Wash hands thoroughly after handling.

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

P337 + P313 If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Chemical name                                                       | CAS No.<br>EC No.<br>REACH No.<br>Index No.                   | Concentration | Classification                                                    | H-phrases<br>M factor acute<br>M factor chronic | Specific concentration limits<br>ATE                      | Note |
|---------------------------------------------------------------------|---------------------------------------------------------------|---------------|-------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------|------|
| Alcohols, C12-14, ethoxylated                                       | 68439-50-9<br>-<br>01-2119487984-16-xxxx<br>-                 | 10 - 15%      | Acute Tox. 4 - oral, Eye Dam. 1, Aquatic Chronic 3                | H302, H318, H412<br>-<br>-                      | ATE [Oral]: 500 mg/kg bw                                  | -    |
| Ethanol                                                             | 64-17-5<br>200-578-6<br>01-2119457610-43-xxxx<br>603-002-00-5 | 5 - 10%       | Flam. Liq. 2                                                      | H225<br>-<br>-                                  |                                                           | -    |
| D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides | 110615-47-9<br>-<br>01-2119489418-23-xxxx<br>-                | 3 - <5%       | Skin Irrit. 2, Eye Dam. 1                                         | H315, H318<br>-<br>-                            | Skin Irrit. 2, H315: C > 30%<br>Eye Dam. 1, H318: C > 12% | -    |
| Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts            | 68411-30-3<br>270-115-0<br>01-2119489428-22-xxxx<br>-         | 1 - 5%        | Acute Tox. 4 - oral, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3 | H302, H315, H318, H412<br>-<br>-                | ATE [Oral]: 1020 mg/kg bw                                 | -    |
| DTPMP                                                               | 15827-60-8<br>239-931-4<br>-<br>-                             | 1 - 2%        | Met. Corr. 1, Skin Irrit. 2, Eye Dam. 1                           | H290, H315, H318<br>-<br>-                      |                                                           | -    |

#### Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Description of first aid measures

First responders: Pay attention to self-protection.

#### Inhalation

If breathed in, move person into fresh air.

#### Skin contact

Wash off with soap and water.

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## **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

## **Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if necessary.

## **Information for doctors**

For specialist advice physicians should contact the Poisons Information Service. Show this safety data sheet to the doctor in attendance.

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

Immediate effects can be expected after long-term exposure.

## **Inhalation**

Not applicable.

## **Skin contact**

Causes skin irritation.

## **Eye contact**

Causes serious eye irritation.

## **Ingestion**

Nausea, vomiting, gastrointestinal discomfort.

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

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water spray, dry powder, foam, carbon dioxide (CO<sub>2</sub>).

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

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

Hazardous decomposition products formed under fire conditions.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

In the event of fire, wear self contained breathing apparatus.

#### **Measures in case of fire**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## SECTION 6: Accidental release measures

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

Wear personal protective equipment. Avoid direct contact with the material / product.

### 6.2. Environmental precautions

Try to prevent the material from entering drains or water courses. Dilute with plenty of water.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Ventilate the area.

### 6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Wear personal protective equipment. Avoid direct contact with the material / product.

#### General hygiene

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 12 (non-flammable liquids)

Store in original container.

Storage temperature: 10 °C to 40 °C

### 7.3. Specific end use(s)

See section 1.2: Liquid detergent

PC35 - Washing and cleaning products (including solvent based products)

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

| Product/Substance name<br>(CAS No./EC No.)                                                 | Type | Exposure                          | Value                  | Population | Effects  |
|--------------------------------------------------------------------------------------------|------|-----------------------------------|------------------------|------------|----------|
| Ethanol<br>(64-17-5/200-578-6)                                                             | DNEL | Chronic (long term)<br>Inhalation | 950 mg/m <sup>3</sup>  | Workers    | Systemic |
| Ethanol<br>(64-17-5/200-578-6)                                                             | DNEL | Acute (short term)<br>Inhalation  | 1900 mg/m <sup>3</sup> | Workers    | Local    |
| Ethanol<br>(64-17-5/200-578-6)                                                             | DNEL | Chronic (long term)<br>Dermal     | 343 mg/kg              | Workers    | Systemic |
| Ethanol<br>(64-17-5/200-578-6)                                                             | DNEL | Chronic (long term)<br>Oral       | 87 mg/kg               | Consumers  | Systemic |
| Benzenesulfonic acid, C10-13-alkyl derivs.,<br>sodium salts<br>(68411-30-3/270-115-0)      | DNEL | Chronic (long term)<br>Oral       | 0.85 mg/kg             | Consumers  | Systemic |
| Benzenesulfonic acid, C10-13-alkyl derivs.,<br>sodium salts<br>(68411-30-3/270-115-0)      | DNEL | Chronic (long term)<br>Dermal     | 170 mg/kg              | Workers    | Systemic |
| Benzenesulfonic acid, C10-13-alkyl derivs.,<br>sodium salts<br>(68411-30-3/270-115-0)      | DNEL | Chronic (long term)<br>Inhalation | 12 mg/kg               | Workers    | Systemic |
| D-Glucopyranose, oligomeric, C10-<br>16(even numbered) alkyl glycosides<br>(110615-47-9/-) | DNEL | Chronic (long term)<br>Dermal     | 595000 mg/kg           | Workers    | Systemic |
| D-Glucopyranose, oligomeric, C10-<br>16(even numbered) alkyl glycosides<br>(110615-47-9/-) | DNEL | Chronic (long term)<br>Inhalation | 420 mg/m <sup>3</sup>  | Workers    | Systemic |
| D-Glucopyranose, oligomeric, C10-<br>16(even numbered) alkyl glycosides<br>(110615-47-9/-) | DNEL | Chronic (long term)<br>Oral       | 35.7 mg/kg             | Consumers  | Systemic |

#### PNEC/PEC

| Product/Substance name<br>(CAS No./EC No.) | Type | Environmental compartment | Value    |
|--------------------------------------------|------|---------------------------|----------|
| Ethanol<br>(64-17-5/200-578-6)             | PNEC | Freshwater                | 960 µg/l |
| Ethanol<br>(64-17-5/200-578-6)             | PNEC | Marine water              | 790 µg/l |
| Ethanol                                    | PNEC | Sewage Treatment Plant    | 580 mg/l |

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| Product/Substance name<br>(CAS No./EC No.)                                             | Type | Environmental compartment | Value        |
|----------------------------------------------------------------------------------------|------|---------------------------|--------------|
| (64-17-5/200-578-6)                                                                    |      |                           |              |
| Ethanol<br>(64-17-5/200-578-6)                                                         | PNEC | Sediment (freshwater)     | 3.6 mg/kg    |
| Ethanol<br>(64-17-5/200-578-6)                                                         | PNEC | Sediment (marine water)   | 2.9 mg/kg    |
| Ethanol<br>(64-17-5/200-578-6)                                                         | PNEC | Soil                      | 0.63 mg/kg   |
| Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts<br>(68411-30-3/270-115-0)     | PNEC | Marine water              | 0.0268 mg/kg |
| Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts<br>(68411-30-3/270-115-0)     | PNEC | Sediment (freshwater)     | 8.1 mg/kg    |
| Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts<br>(68411-30-3/270-115-0)     | PNEC | Sewage Treatment Plant    | 3.43 mg/kg   |
| Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts<br>(68411-30-3/270-115-0)     | PNEC | Freshwater                | 0.268 mg/kg  |
| D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides<br>(110615-47-9/-) | PNEC | Freshwater                | 0.176 mg/l   |
| D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides<br>(110615-47-9/-) | PNEC | Soil                      | 0.654 mg/kg  |
| D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides<br>(110615-47-9/-) | PNEC | Sewage Treatment Plant    | 5000 mg/l    |

## 8.2. Exposure controls

### Appropriate engineering controls

Not required.

### Eye / face protection

Chemical-resistant safety glasses with side protection conforming to EN166.

### Hand protection

Chemical-resistant protective gloves (EN 374)

### Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

### Respiratory protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

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## Thermal hazards

Not applicable.

## Environmental exposure controls

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Liquid

#### Colour

tan

#### Odour

Fresh scent

#### Odour threshold

Not determined for the mixture.

#### Melting point / freezing point

Not applicable.

#### Boiling point or initial boiling point and boiling range

Not applicable.

#### Flammability

Not determined for the mixture.

#### Lower and upper explosion limit

The product / mixture has no explosive properties.

#### Flash point

No data available

#### Auto-ignition temperature

Not determined for the mixture.

#### Decomposition temperature

Not determined for the mixture.

#### pH

9.5

#### Kinematic viscosity

Not applicable.



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## Viscosity, dynamic

0.08 Pa · s

## Method

Haake, 20°C

## Solubility

Water soluble

## Water solubility

miscible

## Partition coefficient n-octanol/water

No information available

## Vapour pressure

Not applicable.

## Density and/or relative density

1.04 g/cm<sup>3</sup>

## Relative density

No information available

## Relative vapour density

Not applicable.

## Evaporation Rate

Not applicable.

## Explosive properties

The product / mixture has no explosive properties.

## Oxidising properties

The product / mixture has no oxidizing properties.

## VOC %

6 %

## Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal use.

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## 10.2. Chemical stability

Stable at normal conditions

## 10.3. Possibility of hazardous reactions

None under normal use.

## 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

## 10.5. Incompatible materials

None known

## 10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicology data for the components.

#### Acute toxicity

Based on the available data, the classification criteria are not met.

| Product / Sub-<br>stance name<br>CAS / EC no.                                                   | Dose descriptor | Value / Dose | Exposure route | Duration of<br>exposure | Test animals | Method /<br>Guideline |
|-------------------------------------------------------------------------------------------------|-----------------|--------------|----------------|-------------------------|--------------|-----------------------|
| Alcohols, C12-14, ethoxylated<br>68439-50-9 /                                                   | LD50            | <2.000 mg/kg | Oral           | -                       | rat          | -                     |
| Benzenesulfonic<br>acid, C10-13-<br>alkyl derivs.,<br>sodium salts<br>68411-30-3 /<br>270-115-0 | LD50            | ~ 1020 mg/kg | Oral           | -                       | rat          | -                     |
| DTPMP<br>15827-60-8 /<br>239-931-4                                                              | LD50            | 7180 mg/kg   | Oral           | -                       | rat          | -                     |
| DTPMP<br>15827-60-8 /<br>239-931-4                                                              | LD50            | >7980 mg/kg  | Dermal         | -                       | rat          | -                     |
| Ethanol<br>64-17-5 /<br>200-578-6                                                               | LC50            | > 50 mg/l    | Inhalation     | 4 h                     | rat          | OECD 403              |
| Ethanol<br>64-17-5 /<br>200-578-6                                                               | LC50            | > 20 mg/l    | Inhalation     | 4 h                     | mouse        | -                     |

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| Product / Sub-<br>stance name<br>CAS / EC no. | Dose descriptor | Value / Dose  | Exposure route | Duration of<br>exposure | Test animals | Method /<br>Guideline |
|-----------------------------------------------|-----------------|---------------|----------------|-------------------------|--------------|-----------------------|
| Ethanol<br>64-17-5 /<br>200-578-6             | LD50            | 10.470 mg/kg  | Oral           | -                       | rat          | OECD 401              |
| Ethanol<br>64-17-5 /<br>200-578-6             | LD50            | > 2.000 mg/kg | Dermal         | -                       | rabbit       | OECD 402              |

### **Skin corrosion/irritation**

May cause skin irritation.

### **Serious eye damage/irritation**

Eye irritation, hazard category 2

### **Respiratory or skin sensitisation**

Based on the available data, the classification criteria are not met.

### **Germ cell mutagenicity**

Based on the available data, the classification criteria are not met.

### **Carcinogenicity**

Based on the available data, the classification criteria are not met.

### **Reproductive toxicity**

Based on the available data, the classification criteria are not met.

### **STOT-single exposure**

Based on the available data, the classification criteria are not met.

### **STOT-repeated exposure**

Based on the available data, the classification criteria are not met.

### **Aspiration hazard**

Based on the available data, the classification criteria are not met.

## 11.2. Information on other hazards

### **Endocrine disrupting properties**

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

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## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute fish toxicity

| Product / Sub-<br>stance name<br>CAS / EC no.                                                  | Measurement type | Value / Result | Duration of<br>exposure | Species                                          | Method / Guideline |
|------------------------------------------------------------------------------------------------|------------------|----------------|-------------------------|--------------------------------------------------|--------------------|
| Benzenesulfonic<br>acid, C10-13-alkyl<br>derivs., sodium salts<br>68411-30-3 /<br>270-115-0    | LC50             | 1,67 mg/l      | 96 h                    | Bluegill sunfish                                 | -                  |
| DTPMP<br>15827-60-8 /<br>239-931-4                                                             | LC50             | 758 mg/l       | 96 h                    | Bluegill sunfish (<br>Lepomis mac-<br>rochirus ) | -                  |
| DTPMP<br>15827-60-8 /<br>239-931-4                                                             | LC50             | >180 mg/l      | 96 h                    | Rainbow trout                                    | -                  |
| Ethanol<br>64-17-5 / 200-578-6                                                                 | LC50             | 8.140 mg/l     | 48 h                    | Leuciscus idus                                   | -                  |
| D-Glucopyranose,<br>oligomeric, C10-<br>16(even numbered)<br>alkyl glycosides<br>110615-47-9 / | LC50             | 2,95 mg/l      | 96h                     | Brachydanio rerio<br>(zebra fish)                | OECD 203           |

#### Acute algae toxicity

| Product / Sub-<br>stance name<br>CAS / EC no.                                                  | Measurement type | Value / Result | Duration of<br>exposure | Species                                         | Method / Guideline |
|------------------------------------------------------------------------------------------------|------------------|----------------|-------------------------|-------------------------------------------------|--------------------|
| Benzenesulfonic<br>acid, C10-13-alkyl<br>derivs., sodium salts<br>68411-30-3 /<br>270-115-0    | EC50             | 29 mg/l        | 96 h                    | Pseudokirchneriella<br>subcapitata              | -                  |
| DTPMP<br>15827-60-8 /<br>239-931-4                                                             | EC50             | 2 mg/l         | 96 h                    | Selenastrum capri-<br>cornutum (green<br>algae) | -                  |
| Ethanol<br>64-17-5 / 200-578-6                                                                 | EC50             | > 100 mg/l     | Static test             | Chlorella pyren-<br>oidosa                      | OECD 201           |
| Ethanol<br>64-17-5 / 200-578-6                                                                 | EC50             | 275 mg/l       | 72 h                    | Chlorella vulgaris                              | OECD 201           |
| D-Glucopyranose,<br>oligomeric, C10-<br>16(even numbered)<br>alkyl glycosides<br>110615-47-9 / | EC50             | 12,5 mg/l      | 72h                     | Desmodesmus<br>subspicatus                      | OECD 201           |

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## Acute crustacean toxicity

| Product / Substance name<br>CAS / EC no.                                                       | Measurement type | Value / Result | Duration of exposure | Species                    |
|------------------------------------------------------------------------------------------------|------------------|----------------|----------------------|----------------------------|
| Benzenesulfonic acid,<br>C10-13-alkyl derivs.,<br>sodium salts<br>68411-30-3 / 270-115-0       | EC50             | 2,9 mg/l       | 48 h                 | Daphnia magna              |
| DTPMP<br>15827-60-8 / 239-931-4                                                                | EC50             | 242 mg/l       | 48h                  | Daphnia magna (Water flea) |
| Ethanol<br>64-17-5 / 200-578-6                                                                 | EC50             | > 10.000 mg/l  | 48 h                 | Daphnia magna              |
| D-Glucopyranose,<br>oligomeric, C10-16<br>(even numbered)<br>alkyl glycosides<br>110615-47-9 / | EC50             | 7 mg/l         | 48h                  | Daphnia magna (Water flea) |

## 12.2. Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

## 12.3. Bioaccumulative potential

No data available

## 12.4. Mobility in soil

### Mobility

No information available

## 12.5. Results of PBT and vPvB assessment

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

## 12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

## 12.7. Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

## Other

### German Water Class

WGK2 - significantly water endangering

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

#### Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging : Dispose of as unused product.

| Waste code | Waste description                          |
|------------|--------------------------------------------|
| 20 01 29*  | detergents containing hazardous substances |

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

## SECTION 14: Transport information

### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN proper shipping name

#### ADR / RID / ADN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

### 14.3. Transport hazard class(es)

#### Label

Not classified as dangerous in the meaning of transport regulations.

### 14.4. Packing group

Not classified as dangerous in the meaning of transport regulations.

### 14.5. Environmental hazards

#### Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

### 14.6. Special precautions for user

#### Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

### 14.7. Maritime transport in bulk according to IMO instruments

Not classified as dangerous in the meaning of transport regulations.

### Other

Not applicable

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## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: 15-30 % non-ionic surfactants, 5-15 % soap , < 5 % anionic surfactants, phosphonates, contains enzymes, PROTEASE, AMYLASE, optical brighteners, perfumes.

Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: not applicable

Substance restrictions according to Annex XVII: not applicable

Substances on the REACH candidate list (SVHC): not applicable

Regulation (EC) No. 1272/2008 (CLP)

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

#### National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

### 15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

## SECTION 16: Other information

#### Changes to previous revision

Section 9. Physical and chemical properties: VOC

#### Abbreviations

ADN - European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR - The European Agreement concerning the International Carriage of Dangerous Goods by Road

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CAS - Chemical Abstract Service  
 CLP - Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL - Derived Minimum Effect Level  
 DNEL - Derived No Effect Level  
 EC50 - Half maximal effective concentration 50%  
 GHS - Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA - International Air Transport Association  
 IMDG - International Maritime Dangerous Goods  
 LC50 - Lethal concentration 50%  
 LD50 - Lethal dosis 50 %  
 MARPOL - International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" - marine pollution)  
 PBT - Persistent, bioaccumulative and toxic substance  
 PEC - Predicted Environmental Concentration  
 PNEC - Predicted No Effect Concentration  
 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID - The regulations concerning the International Carriage of Dangerous Goods by Rail  
 SVHC - Substance of Very High Concern  
 vPvB - Very persistent, very bioaccumulative substance

## **References to key literature and data sources**

REACH registration dossiers  
 ECHA C&L - Inventory  
 Safety data sheets from raw material suppliers

## **Evaluation methods for classification**

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:  
 Health hazards: The skin and/or eye classification of this product was derived using bridging principles (such as dilution, interpolation within one hazard category or substantially similar mixtures; with or without expert judgement) following Article 9(3) and Article 9(4) of Regulation (EC) No 1272/2008. DetNet logging number: 827  
 Environmental hazards: calculation method

## **Phrase meaning**

Eye Irrit. 2 - Eye irritation, hazard category 2  
 Flam. Liq. 2 - Flammable liquids, hazard category 2  
 Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4  
 Skin Irrit. 2 - Skin irritation, hazard category 2  
 Eye Dam. 1 - Serious eye damage, hazard category 1  
 Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3  
 Met. Corr. 1 - Corrosive to metals, hazard category 1  
 H225 Highly flammable liquid and vapour.  
 H290 May be corrosive to metals.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H412 Harmful to aquatic life with long lasting effects.



According to Regulation (EC) No 1907/2006

# Maximo Liquid Forte

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## **Additional information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

## **Manufacturer's notes**

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.