

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : Heliowash UV
Product code : 1121410
Product group : Cleaning product.

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category : Professional use
Use of the substance/mixture : Cleaning product.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

MDC Max Daetwyler GmbH
Daimlerstraße 3
64347 Griesham - Duitsland
T +49615587130 - F +49615564210
info@daetwylergmbh.de - www.daetwylergmbh.com

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|---------|---|---------------------------------|------------------|--|
| Belgium | Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid | Rue Bruyn 1 B -1120 Brussels | +32 70 245 245 | Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee) |

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

Adverse physicochemical, human health and environmental effects

None.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures**4.1. Description of first aid measures**

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : In case of serious or continuous discomfort, provide fresh air and seek medical advice.
First-aid measures after skin contact : Rinse with water.

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First-aid measures after eye contact : Rinse with water. If necessary seek medical advice.

First-aid measures after ingestion : Rinse with water. If necessary seek medical advice.

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

Symptoms/effects after inhalation : None.

Symptoms/effects after skin contact : None.

Symptoms/effects after eye contact : Redness.

Symptoms/effects after ingestion : Vomiting. abdominal cramps. Diarrhea. Headache. Drowsiness.

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

None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, powder, foam, CO₂.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None.

Explosion hazard : None.

5.3. Advice for firefighters

Precautionary measures fire : No special precautions required.

Firefighting instructions : No specific firefighting instructions required.

Protection during firefighting : No specific measures are necessary.

Other information : No specific firefighting instructions required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not touch spilled material. Remove contaminated clothing and shoes. Do not breathe vapour. Do not breathe fumes. Do not breathe spray.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb the product onto porous material.

6.4. Reference to other sections

See Headings 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle carefully. Avoid spillage.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed and in well ventilated place. Keep out of frost.

Packaging materials : Suitable packing materials Plastic.

7.3. Specific end use(s)

Cleaning product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Heliowash UV | | |
|--------------|----------------------------------|--|
| | Limit value (mg/m ³) | Here follows a summary list of the hazardous components mentioned in paragraph 3, of which the TLV value is known: /. |

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8.2. Exposure controls

Personal protective equipment:

Protective clothing. Gloves. Safety glasses.

Hand protection:

Nitrile rubber gloves. Breakthrough time: > 480 Min, (EN 374). Layer thickness : 0,35 mm. Always wash hands after handling the product

Eye protection:

Safety glasses. Face-shield

Skin and body protection:

Impermeable clothing

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--------------------------------|
| Physical state | : Liquid |
| Colour | : Colourless. |
| Odour | : Characteristic. |
| Odour threshold | : /. |
| pH | : 7 @ 20°C |
| pH solution | : /. |
| Relative evaporation rate (butylacetate=1) | : 2 |
| Melting point | : /. |
| Freezing point | : No data available |
| Boiling point | : 100 – 199 °C |
| Flash point | : 75 °C |
| Critical temperature | : /. |
| Auto-ignition temperature | : 207 °C /. |
| Decomposition temperature | : /. |
| Flammability (solid, gas) | : Not applicable. |
| Vapour pressure | : 2332 Pa @ 20°C. |
| Relative vapour density at 20 °C | : Not applicable. |
| Relative density | : No data available |
| Density | : 0.95 kg/l @ 20°C. |
| Solubility | : Water: Completely soluble. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : 1 mm ² /s @ 20°C. |
| Viscosity, dynamic | : 1 mPa·s @ 20°C. |
| Explosive properties | : Not applicable. |
| Oxidising properties | : Not applicable. |
| Lower explosive limit (LEL) | : 1.3 vol % /. |
| Upper explosive limit (UEL) | : 8.7 vol % /. |

9.2. Other information

VOC content : 94.99 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

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10.2. Chemical stability

Extremely high or low temperatures.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|---|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |
| Additional information | : See Heading 3 (Information on ingredients). |
| Skin corrosion/irritation | : Not classified pH: 7 @ 20°C |
| Serious eye damage/irritation | : Not classified pH: 7 @ 20°C |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

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| | |
|----------------------|------------------------------|
| Viscosity, kinematic | 1 mm ² /s @ 20°C. |
|----------------------|------------------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|----------------------|
| Ecology - general | : No data available. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

12.2. Persistence and degradability

Heliowash UV

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|-------------------------------|--------------------|
| Persistence and degradability | No data available. |
|-------------------------------|--------------------|

12.3. Bioaccumulative potential

Heliowash UV

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| Bioaccumulative potential | No data available. |
|---------------------------|--------------------|

12.4. Mobility in soil

Heliowash UV

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| Mobility in soil | Completely soluble. |
| Ecology - soil | WGK 1. |

12.5. Results of PBT and vPvB assessment

No additional information available

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12.6. Other adverse effects

Additional information : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose of in accordance with relevant local regulations.
Waste treatment methods : Do not flush into surface water or sewer system.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not submitted to ADR

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : 94.99 %

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Indication of changes:

| Section | Changed item | Change | Comments |
|---------|--------------|--------|----------|
| 11 | | | |
| 16 | | | |

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

| | |
|----------------|--|
| Not classified | |
|----------------|--|

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<Ontbrekende vertaling : />

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.