

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

Product form : Mixture  
 Product name : Heliowash Gravure Ink Remover Intensiv  
 Product code : 1411900  
 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 : Cleaning agent

**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](mailto:info@daetwylergmbh.de) - [www.daetwylergmbh.com](http://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**

No additional information available

**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 : Wash immediately with lots of water. If necessary seek medical advice.  
 First-aid measures after eye contact : Wash immediately with lots of water. If necessary seek medical advice.

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

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

Symptoms/effects after skin contact : None known.  
Symptoms/effects after eye contact : Redness.  
Symptoms/effects after ingestion : None known.

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

None known.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray, powder, foam, CO<sub>2</sub>.  
Unsuitable extinguishing media : None.

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

Fire hazard : None.  
Explosion hazard : None.

### 5.3. Advice for firefighters

Precautionary measures fire : Gloves. Protective clothing. On heating: wear respiratory equipment.  
Firefighting instructions : No specific firefighting instructions required.  
Protection during firefighting : No specific measures are necessary.  
Other information : None known.

## SECTION 6: Accidental release measures

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

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

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

Protective equipment : Gloves. Protective clothing.

### 6.2. Environmental precautions

Do not allow to enter drains or water courses.

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

For containment : Dike and contain spill.  
Methods for cleaning up : Collect spillage.  
Other information : Rinse with plenty of water.

### 6.4. Reference to other sections

Reference to other sections (8, 13).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product.

### 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, Metal.

### 7.3. Specific end use(s)

Cleaning product.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Heliowash Gravure Ink Remover Intensiv		
	Limit value (mg/m <sup>3</sup> )	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:

Safety glasses. Protective clothing.

#### Hand protection:

In case of repeated or prolonged contact wear gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

None.

#### Personal protective equipment symbol(s):



#### Other information:

No additional information available.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Colourless.
Odour	: Characteristic.
Odour threshold	: Not applicable.
pH	: Not applicable.
pH solution	: Not applicable.
Relative evaporation rate (butylacetate=1)	: 17.38
Melting point	: < -65 °C
Freezing point	: No data available
Boiling point	: 200 °C
Flash point	: 92 °C
Auto-ignition temperature	: 210 °C
Decomposition temperature	: No data available.
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: 0.023 bar @ 20 °C.
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.99 kg/l @ 20 °C.
Solubility	: Completely soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: 1532 mm <sup>2</sup> /s @ 20 °C.
Viscosity, dynamic	: No data available.
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: Not applicable.

### 9.2. Other information

VOC content : 100 %

## 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

Keep away from (strong) acids.

### 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

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LD50 oral rat	> 5000 mg/kg (calculated value).
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Skin corrosion/irritation : Not classified  
pH: Not applicable.

Serious eye damage/irritation : Not classified  
pH: Not applicable.

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	1532 mm <sup>2</sup> /s @ 20 °C.
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## 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 Gravure Ink Remover Intensiv

Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No data available.
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### 12.4. Mobility in soil

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Ecology - soil	WGK 1.
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Comply with local regulations for disposal.  
Waste treatment methods : Do not flush into surface water or sewer system. Dispose of at a licensed waste collection centre.  
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 : 100 %

#### 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
9.1			
16			

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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.*