

Reinigings middel MP-GP

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 12/18/2012 Revision date: 6/12/2015 Supersedes: 2/20/2015 Version: 1.3

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

1.1. Product identifier

Product form : Mixture
 Product name : Reinigingsmiddel MP-GP
 Product code : 1790230
 Product group : Stripper 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

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Vosschemie Benelux bvba
 Mechelsesteenweg 303
 B-2500 Lier
 Tel: +32 (0)3 489 28 28
 Fax: +32 (0)3 488 19 27
 mailto: info@vosschemie-benelux.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]

Flammable liquids, Category 2 H225
 Corrosive to metals Not classified
 Skin corrosion/irritation, Category 1A H314
 Skin sensitisation, Category 1 H317
 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335
 Hazardous to the aquatic environment - Chronic Hazard Not classified
 Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) : Danger

Hazardous ingredients : Ethanolamine; Sodium hydroxide; D Limonene

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.
 H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
 H335 - May cause respiratory irritation.

Precautionary statements (CLP) : P280 - Wear protective gloves, protective clothing, face shield.
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

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Rinse skin with water/shower.
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P363 - Wash contaminated clothing before reuse.
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,3-dioxolane	(CAS-No.) 646-06-0 (EC-No.) 211-463-5 (EC Index-No.) 605-017-00-2 (REACH-no) 01-2119490744-29	> 30	F; R11	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43	5 - 15	F; R11	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Ethanolamine	(CAS-No.) 141-43-5 (EC-No.) 205-483-3 (EC Index-No.) 603-030-00-8 (REACH-no) 01-2119486455-28	5 - 15	Xn; R20/21/22 C; R34	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1B, H314 STOT SE 3, H335 Aquatic Chronic 3, H412
Sodium hydroxide	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	< 5	C; R35	Met. Corr. 1, H290 Skin Corr. 1A, H314
D Limonene	(CAS-No.) 8028-48-6 (EC-No.) 232-433-8 (REACH-no) 01-2119493353-35	< 5	Xn; R65 Xi; R38 N; R50/53 R10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H-statements: see section 16

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 : Remove person to fresh air and keep comfortable for breathing. Take to hospital.
 First-aid measures after skin contact : Take off contaminated clothing. Rinse with plenty of water. Transport to hospital immediately.
 First-aid measures after eye contact : First prolonged rinsing with water (contact lenses to be removed if this is easily done), then take to a doctor.
 First-aid measures after ingestion : Rinse mouth out with water. Do NOT induce vomiting. Transport to hospital immediately.

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

Symptoms/effects after inhalation : Unconsciousness. Dizziness. Headache. Nausea. Drowsiness.
 Symptoms/effects after skin contact : Severe burns. Pain. Redness.
 Symptoms/effects after eye contact : Pungent. Pain. Redness. Blurred vision.
 Symptoms/effects after ingestion : Caustic, lack of breath, vomiting, blisters on lips and tongue, burning pain in mouth and throat, gullet and stomach.

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

None known.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, powder, foam, CO₂.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.
Explosion hazard : None known.

5.3. Advice for firefighters

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. 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 out of frost. Keep container tightly closed and in well ventilated place.
Packaging materials : Suitable packing materials: Metal.

7.3. Specific end use(s)

Stripper product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

MP Stripper GP		
	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: 1907 mg/m ³ Ethanol 62 mg/m ³ 1,3-dioxolane. 2.5 mg/m ³ Ethanolamine. 2 mg/m ³ Sodium hydroxide, caustic soda.

8.2. Exposure controls

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

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

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Respiratory protection:

Ensure adequate air ventilation. In the event of insufficient ventilation: Universel mask (ABEK)

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	: No data available
pH	: 12
pH solution	: /.
Relative evaporation rate (butylacetate=1)	: 2
Melting point	: /
Freezing point	: No data available
Boiling point	: 74 - 199 °C
Flash point	: 8 °C
Auto-ignition temperature	: 207 °C
Decomposition temperature	: No data available.
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: 9310 Pa @ 20°C.
Relative vapour density at 20 °C	: Not applicable.
Relative density	: No data available
Density	: 1.028 kg/l @ 20°C.
Solubility	: Water: Soluble.
Log Pow	: No data available
Viscosity, kinematic	: 1 mm²/s @ 20°C.
Viscosity, dynamic	: 1 mPa.s @ 20°C.
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: No data available.
Lower explosive limit (LEL)	: 0.7 vol %
Upper explosive limit (UEL)	: 20.5 vol %

9.2. Other information

VOC content	: 92 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

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

Acids. Bases. Oxidation agents. Reducing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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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

MP Stripper GP	
LD50 oral rat	/.
LD50 dermal rat	/.

1,3-dioxolane (646-06-0)	
LD50 oral rat	3000 mg/kg

Ethanalamine (141-43-5)	
LD50 oral rat	1089 mg/kg
LD50 dermal rabbit	2504 mg/kg
LC50 inhalation rat (mg/l)	11 mg/l/4h

Sodium hydroxide (1310-73-2)	
LD50 oral rat	>= 5000 mg/kg
LD50 dermal rabbit	>= 5000 mg/kg

D Limonene (8028-48-6)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	>= 5000 mg/kg
LC50 inhalation rat (mg/l)	>= 50 mg/l/4h

Ethanol (64-17-5)	
LD50 oral rat	>= 5000 mg/kg
LD50 dermal rabbit	>= 5000 mg/kg
LC50 inhalation rat (mg/l)	>= 50 mg/l/4h

Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 12
Serious eye damage/irritation	: Serious eye damage, category 1, implicit pH: 12
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

MP Stripper GP	
Viscosity, kinematic	1 mm²/s @ 20°C.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No data available.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified.

Ethanalamine	
EC50 72h algae (1)	2.1 - 2.8 mg/l

D Limonene	
EC50 72h algae (1)	8 - 150 mg/l

Ethanol	
EC50 72h algae (1)	275 mg/l (Chlorella vulgaris)

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12.2. Persistence and degradability

MP Stripper GP

Persistence and degradability	No data available.
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12.3. Bioaccumulative potential

MP Stripper GP

Bioaccumulative potential	No supplementary information available.
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12.4. Mobility in soil

MP Stripper GP

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) : 2924

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Flammable liquid, corrosive, n.o.s.
Transport document description (ADR)	: UN 2924 Flammable liquid, corrosive, n.o.s. (mixture with dioxolane, ethanolamine), 3 (8), II, (D/E)

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 3 (8)
Danger labels (ADR)	: 3, 8



14.4. Packing group

Packing group (ADR) : II

14.5. Environmental hazards

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

14.6. Special precautions for user

Special transport precautions : Fire and explosion hazards, This product contains hazardous components for the aquatic environment, Do not allow to enter drains or water courses

- Overland transport

Hazard identification number (Kemler No.)	: 338
Orange plates	:



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Tunnel restriction code (ADR) : D/E

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 : 92 %

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
2.1			
2.2			
4.2			
8.1			
9.1			
10.5			
14			
16			

Full text of R-, H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Aquatic Chronic Not classified	Hazardous to the aquatic environment - Chronic Hazard Not classified
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Met. Corr. 1	Corrosive to metals, Category 1
Met. Corr. Not classified	Corrosive to metals Not classified
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

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H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
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.
R10	Flammable
R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R34	Causes burns
R35	Causes severe burns
R38	Irritating to skin
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
C	Corrosive
F	Highly flammable
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

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