



# MPM Brake Cleaner

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 6-8-2009 Revision date: 8-6-2022 Supersedes: 24-3-2022 version: 9.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : MPM Brake Cleaner  
UFI : JWX7-Y0S6-R007-G27A  
Product code : 95000  
Type of product : Washing and cleaning products  
Product group : Mixture

#### 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, Industrial use  
Industrial/Professional use spec : Non-dispersive use  
Use of the substance/mixture : Rinsing and cleaning agents  
Use of the substance/mixture : Solvents  
Function or use category : Solvents

##### 1.2.2. Uses advised against

Restrictions on use : This product should not be made available to the general public / consumers as such. This product is not recommended for uses other than those identified above.

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

MPM International Oil Company  
Cyclotronweg 1  
2629 HN Delft - Nederland  
T +31 (0)15 2514030  
[info@mpmoil.nl](mailto:info@mpmoil.nl) - [www.mpmoil.com](http://www.mpmoil.com)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

### 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  
Skin corrosion/irritation, Category 2 H315  
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336  
Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411  
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) :



GHS02

GHS07

GHS08

GHS09

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CLP Signal word	: Danger.
Hazardous ingredients	: Mixture of n-, iso- and cycloaliphatics, mainly in the C7-C8 range
Hazard statements (CLP)	: H225 - Highly flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H336 - May cause drowsiness or dizziness. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 - Wear Protective gloves, Protective clothing, eye protection, face protection. P284 - [In case of inadequate ventilation] wear respiratory protection. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P501 - Dispose of Contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Extra phrases	: For professional users only.

### 2.3. Other hazards

No additional information available.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Mixture of n-, iso- and cycloaliphatics, mainly in the C7-C8 range	(EC-No.) 649-328-00-1 (EC Index-No.) 921-024-6	≥ 50 – ≤ 100	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	: Remove immediately contaminated clothing. Remove the victim away from contaminated area. Never give anything by mouth to an unconscious person. If unconscious, place in the recovery position and seek medical advice. If medical advice is needed, have product container or label at hand.
After inhalation	: In case of unconsciousness place in unconscious position and seek medical advice. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
After skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
After eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
After ingestion	: Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Rinse mouth out with water. If swallowed, seek medical advice immediately and show this container or label. Get medical advice/attention if you feel unwell.

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

Symptoms/effects	: Blackout. Headache. Visual disturbances. Nausea. Vomiting.
After inhalation	: Vapours may cause drowsiness and dizziness.
After skin contact	: May cause skin irritation / dermatitis.
After ingestion	: Risk of lung oedema.

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

Obtain medical assistance. Treat symptomatically. Ingestion of large quantities: immediately to hospital.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Powder, alcohol-resistant foam, water spray, carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Fire hazard	: Vapours may cause fire/explosion if source of ignition is present.
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Explosion hazard : Vapours may form explosive mixture with air.

### 5.3. Advice for firefighters

Firefighting instructions : Do not use water jet.

## SECTION 6: Accidental release measures

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

General measures : No open flames. No smoking. No flames, no sparks. Eliminate all sources of ignition.

#### 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

Notify authorities if liquid enters sewers or public waters. Prevent entry to sewers and public waters. Avoid release to the environment.

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

Other information : Ensure adequate ventilation.

### 6.4. Reference to other sections

No additional information available.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapour concentrations. Avoid aerosol formation. Take precautionary measures against static discharge.

Hygiene measures : Avoid all unnecessary exposure. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

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

Storage conditions : Keep away from strong oxidizers.

Storage area : Store in dry, well-ventilated area. Keep out of reach of children.

Special rules on packaging : Store in a closed container.

### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available.

### 8.2. Exposure controls

#### Technical measures:

No additional information available.

#### Personal protective equipment:

Gloves. Safety glasses.

#### Hand protection:

Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0,4		EN ISO 374

#### Eye protection:

Safety goggles

#### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

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



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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Clear.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: -20 °C
Freezing point	: No data available
Boiling point	: 88 – 105 °C Mixture of n-, iso- and cycloaliphatics, mainly in the C7-C8 range
Flash point	: -12 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Highly flammable liquid and vapour.
Vapour pressure	: 6 kPa @20C
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 710 kg/m <sup>3</sup>
Solubility	: Water: Slightly soluble. Organic solvent:100 %
Log Pow	: No data available
Viscosity, kinematic	: 0,6 mm <sup>2</sup> /s @ 20 °C
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive. Vapour could form explosive mixture with air.
Oxidising properties	: No data available
Lower explosive limit (LEL)	: > 1 vol %
Upper explosive limit (UEL)	: < 8 vol %

#### 9.2. Other information

VOC content	: 100 %
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

None under normal conditions.

#### 10.2. Chemical stability

May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidizers and acids.

#### 10.4. Conditions to avoid

High temperature.

#### 10.5. Incompatible materials

No additional information available.

#### 10.6. Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>). Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified. (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Mixture of n-, iso- and cycloaliphatics, mainly in the C7-C8 range

LD50 oral rat	2000 mg/kg
LD50 dermal rat	≥ 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	≥ 50 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)

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Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: May be fatal if swallowed and enters airways.

### MPM Brake Cleaner

Viscosity, kinematic	0,6 mm <sup>2</sup> /s @ 20 °C
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## SECTION 12: Ecological information

### 12.1. Toxicity

General	: Do not allow material to contaminate ground water system.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

#### MPM Brake Cleaner

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

No additional information available.

### 12.4. Mobility in soil

#### MPM Brake Cleaner

Soil	Prevent soil and water pollution.
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### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Other adverse effects

Additional information	: Do not flush into surface water or sewer system. Harmful to fishes. Do not allow material to contaminate ground water system
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Dispose in a safe manner in accordance with local/national regulations.
Waste materials	: Empty containers can be dumped after cleaning according to local legislation.
European List of Waste (LoW) code	: 07 01 04* - other organic solvents, washing liquids and mother liquors

## SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
<b>14.1. UN number</b>	
UN 3295	UN 3295
<b>14.2. UN proper shipping name</b>	
HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S.
<b>Transport document description</b>	
UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>	
3	3
<b>14.4. Packing group</b>	
II	II

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### 14.5. Environmental hazards

Dangerous for the environment : Yes

Dangerous for the environment : Yes  
Marine pollutant : Yes

No supplementary information available

### 14.6. Special precautions for user

Special transport precautions : Notify authorities if liquid enters sewers or public waters.

#### Overland transport

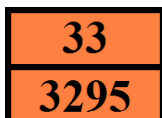
Classification code (ADR) : F1

Limited quantities (ADR) : 1I

Transport category (ADR) : 2

Hazard identification number (Kemler No.) : 33

Orange plates :



Tunnel restriction code (ADR) : D/E

EAC code : 3YE

#### Transport by sea

Limited quantities (IMDG) : 5 L

EmS-No. (Fire) : F-E

EmS-No. (Spillage) : S-D

### 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

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 100 %

#### 15.1.2. National regulations

No additional information available.

### 15.2. Chemical safety assessment

No additional information available.

## SECTION 16: Other information

### Indication of changes:

Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
	Type of product	Added	
4.1	General	Modified	
4.1	After skin contact	Modified	
4.1	After ingestion	Modified	
4.1	After eye contact	Modified	
4.2	After ingestion	Modified	

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4.2	After inhalation	Modified	
4.2	After skin contact	Modified	
4.3	Treatment	Modified	
5.2	Fire hazard	Modified	
5.2	Explosion hazard	Modified	
5.3	Firefighting instructions	Added	
6.1	General measures	Modified	
6.2	Environmental precautions	Modified	
7.1	Hygiene measures	Modified	
7.1	Precautions for safe handling	Modified	
7.2	Special rules on packaging	Modified	
7.2	Storage area	Modified	
8.1	Additional information	Added	
8.2	Respiratory protection	Modified	
8.2	Hand protection	Modified	
8.2	Eye protection	Modified	
8.2	Technical measures	Modified	
8.2	Skin and body protection	Modified	
9.1	Upper explosive limit (UEL)	Modified	
9.1	Lower explosive limit (LEL)	Modified	
9.1	Explosive properties	Modified	
10.2	Chemical stability	Modified	
11.1	Reason for no classification	Added	
12.1	General	Modified	
13.1	Regional legislation (waste)	Modified	
13.1	Waste materials	Modified	

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

### SDS MPM REACH

*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.*