



MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by 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

Manufacturer

MPM International Oil Company BV
Cyclotronweg 1
2629 HN Delft - Nederland
T +31 (0)15 2514030
info@mpmoil.com - www.mpmoil.com

1.4. Emergency telephone number

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

Country	Organisation/Company	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	+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- and EUH-statements: see section 16

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

CLP Signal word

: Danger.

Contains

: 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

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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	$\geq 50 - \leq 100$	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

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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.
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.
-------------------	--------------------------------

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

8.1.1. National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Technical measures:

No additional information available.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety goggles

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.2.2.2. Skin protection

Skin and body protection:

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

Hand protection:

Protective gloves

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

8.2.2.3. Respiratory protection

Respiratory protection:

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

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid.
Colour	: Clear.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: -20 °C
Freezing point	: Not available
Boiling point	: 88 – 105 °C Mixture of n-, iso- and cycloaliphatics, mainly in the C7-C8 range
Flammability	: Highly flammable liquid and vapour.
Explosive properties	: Product is not explosive. Vapour could form explosive mixture with air.
Explosive limits	: Not available
Lower explosion limit	: > 1 vol %
Upper explosion limit	: < 8 vol %
Flash point	: -12 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 0,6 mm ² /s @ 20 °C
Solubility	: Water: Slightly soluble. Organic solvent: 100 %
Log Kow	: Not available
Vapour pressure	: 6 kPa @20C
Vapour pressure at 50°C	: Not available
Density	: 710 kg/m ³
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 100 %

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 (CO₂). Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met.) (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
ATE CLP (oral)	2000 mg/kg bodyweight

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met.) (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.) (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.) (Based on available data, the classification criteria are not met.)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met.) (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.

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

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 ² /s @ 20 °C
----------------------	--------------------------------

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

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.
-------------------------------	------------------

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

MPM Brake Cleaner

Soil	Prevent soil and water pollution.
------	-----------------------------------

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The product does not contain any substances with endocrine disrupting properties.

12.7. 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

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation	: 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, EC 2000/532)	: 07 01 04* - other organic solvents, washing liquids and mother liquors

SECTION 14: Transport information

In accordance with ADR / IMDG

14.1. UN number or ID number

UN-No.	: UN 3295
UN-No. (IMDG)	: UN 3295

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: HYDROCARBONS, LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: HYDROCARBONS, LIQUID, N.O.S.
Transport document description (ADR)	: UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG)	: UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 3
Danger labels (UN)	: 3



IMDG

Transport hazard class(es) (IMDG)	: 3
Danger labels (IMDG)	: 3



14.4. Packing group

Packing group (ADR)	: II
Packing group (IMDG)	: II

14.5. Environmental hazards

Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: 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
---------------------------	------

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Limited quantities (ADR) : 1l
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. Maritime transport in bulk according to IMO instruments

IMO hazard class : 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 substance(s) listed on REACH Annex XVII (Restriction Conditions)
Contains no substance(s) listed on the REACH Candidate List
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 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
	Revision date	Modified	
	Supersedes	Modified	
	Type of product	Added	
4.1	After eye contact	Modified	
4.1	After ingestion	Modified	
4.1	After skin contact	Modified	
4.1	General	Modified	
4.2	After skin contact	Modified	
4.2	After inhalation	Modified	
4.2	After ingestion	Modified	
4.3	Treatment	Modified	
5.2	Explosion hazard	Modified	

MPM Brake Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Indication of changes			
Section	Changed item	Change	Comments
5.2	Fire hazard	Modified	
5.3	Firefighting instructions	Added	
6.1	General measures	Modified	
6.2	Environmental precautions	Modified	
7.1	Precautions for safe handling	Modified	
7.1	Hygiene measures	Modified	
7.2	Storage area	Modified	
7.2	Special rules on packaging	Modified	
8.1	Additional information	Added	
8.2	Skin and body protection	Modified	
8.2	Technical measures	Modified	
8.2	Eye protection	Modified	
8.2	Hand protection	Modified	
8.2	Respiratory protection	Modified	
9.1	Explosive properties	Modified	
9.1	Lower explosive limit (LEL)	Modified	
9.1	Upper explosive limit (UEL)	Modified	
10.2	Chemical stability	Modified	
11.1	Reason for no classification	Added	
12.1	General	Modified	
13.1	Waste materials	Modified	
13.1	Regional legislation (waste)	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
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.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

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.