



# Complete Diesel System Treatment

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 13-8-2014 Revision date: 15-2-2022 Supersedes: 11-12-2020 version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Complete Diesel System Treatment  
UFI : CP3K-U5M2-U00S-N9F9  
Product code : AD06000  
Type of product : Additives  
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, Consumer use, Industrial use  
Industrial/Professional use spec : Used in closed systems  
Function or use category : Fuel additives

##### 1.2.2. Uses advised against

No additional information available

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

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

Aspiration hazard, Category 1 H304

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

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)



GHS08

CLP Signal word

: Danger.

Hazardous ingredients

: Naphtha (petroleum), hydrotreated heavy

Hazard statements (CLP)

: H304 - May be fatal if swallowed and enters airways.  
H412 - Harmful to aquatic life with long lasting effects.

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Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P273 - Avoid release to the environment. P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. P405 - Store locked up. P501 - Dispose of Contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking.

### 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]
Naphtha (petroleum), hydrotreated heavy	(CAS-No.) 64742-48-9 (EC-No.) 649-327-00-6 (EC Index-No.) 918-481-9 (REACH-no) 01-2119457273-39	≥ 50 – ≤ 100	Asp. Tox. 1, H304
2-Ethylhexyl, Nitrate	(CAS-No.) 27247-96-7 (EC-No.) 248-363-6 (REACH-no) 01-2119539586-27	≥ 2,5 – < 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 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 the victim away from contaminated area.
After inhalation	: Remove person to fresh air and keep comfortable for breathing.
After skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
After eye contact	: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
After ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Aspiration hazard. Go into open air and ventilate suspected area.

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

After inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
After skin contact	: Repeated exposure may cause skin dryness or cracking.
After eye contact	: Causes eye irritation.
After ingestion	: Aspiration hazard. Ingestion may cause nausea, vomiting and diarrhea. Entering the lungs by ingestion or vomiting may cause severe lung damage.

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

Symptoms of respiratory complications (lung oedema) may occur several hours after.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Powder, alcohol-resistant foam, water spray, carbon dioxide.
Unsuitable extinguishing media	: High power water jet.

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

Fire hazard	: May form flammable/explosive vapour-air mixture.
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### 5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Use a water spray to cool exposed surfaces and to protect fire-fighters.

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### SECTION 6: Accidental release measures

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

General measures : Remove ignition sources. Do not breathe gas/fumes/vapour/spray. Ensure adequate ventilation.

##### 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

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Absorb spillage to prevent material damage.

#### 6.4. Reference to other sections

Information on personal protective equipment - see Chapter 8. Information on disposal - see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Provide adequate ventilation to minimize dust and/or vapour concentrations. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge.

Hygiene measures : Avoid all unnecessary exposure. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Keep only in the original container in a cool, well-ventilated place.

Storage conditions : Keep container tightly closed. Keep cool. Store in a dry place.

Information on mixed storage : May react violently with oxidants.

Storage area : Store according to local legislation.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 2-Ethylhexyl, Nitrate (27247-96-7)

EU	IOELV TWA (mg/m <sup>3</sup> )	5,4 mg/m <sup>3</sup> long term value
EU	IOELV TWA (ppm)	1 ppm long term value
Germany	Notes	
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	5,4 mg/m <sup>3</sup> long term value
United Kingdom	WEL TWA (ppm)	1 ppm long term value

Additional information : Lists that were valid at the time of compilation serve as the basis.

#### 8.2. Exposure controls

##### Technical measures:

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

##### Personal protective equipment:

High gas/vapour concentration: gas mask with filter type AX. Gloves. Safety glasses.

##### Hand protection:

Protective gloves

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

##### Eye protection:

Safety goggles

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### Skin and body protection:

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

### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Transparent.
Odour	: Characteristic.
Odour threshold	: Not determined.
pH	: Not determined.
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: 62 °C
Auto-ignition temperature	: Could burn but do not ignite readily
Decomposition temperature	: > 200
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: 1 hPa
Relative vapour density at 20 °C	: Not determined.
Relative density	: Not determined.
Relative density of saturated gas/air mixture	: Not determined.
Density	: 810 kg/m <sup>3</sup> @ 20°C
Solubility	: Material insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: < 7 mm <sup>2</sup> /s (40°C)
Viscosity, dynamic	: Not determined.
Explosive properties	: Flammable or explosive vapour/air mixtures may be formed. Product is not explosive.
Oxidising properties	: No oxidising properties.
Explosive limits	: 0,6 – 7 vol %

### 9.2. Other information

VOC content	: 1,69 % (EU, 1999/13/EC); (USA, EPA Method 24/24A)
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Risk of explosion by shock, friction, fire or other sources of ignition. Do not breathe vapour/aerosol.

### 10.5. Incompatible materials

Strong oxidizing agent.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
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Acute toxicity (dermal) : Not classified.

Acute toxicity (inhalation) : Not classified.

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LD50 oral rat	10,909 mg/kg
LD50 dermal rat	12,5 mg/kg
LC50 Inhalation - Rat	98 mg/m <sup>3</sup> 2h
ATE CLP (vapours)	0,098 mg/l/4h
ATE CLP (dust,mist)	0,098 mg/l/4h

### Naphtha (petroleum), hydrotreated heavy (64742-48-9)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 Inhalation - Rat (Vapours)	21 mg/l/4h

### 2-Ethylhexyl, Nitrate (27247-96-7)

LD50 oral rat	> 960 ml/kg
LD50 dermal rabbit	4820 µg/kg

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: Not determined.

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: Not determined.

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)

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 : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

### 2-Ethylhexyl, Nitrate (27247-96-7)

NOAEL (dermal, rat/rabbit, 90 days)	500 mg/kg bodyweight EPA OPP 82-2 (21/28 D)
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Aspiration hazard : May be fatal if swallowed and enters airways. (Based on available data, the classification criteria are not met)

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Viscosity, kinematic	< 7 mm <sup>2</sup> /s (40°C)
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Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### Naphtha (petroleum), hydrotreated heavy (64742-48-9)

LC50 other aquatic organisms 1	2200 mg/l Pimephales promelas
EC50 other aquatic organisms 1	2,6 mg/l Chaetogammarus marinus

### 2-Ethylhexyl, Nitrate (27247-96-7)

LC50 fish 1	2 mg/l @96h fish
EC50 Daphnia 1	> 12,6 mg/l @48h Daphnia magna
EC50 other aquatic organisms 1	> 12,6 mg/l @72h Algae

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EC50 72h - Algae [1]	3,22 mg/l pseudokirchneriella subcapitata
EC50 72h - Algae [2]	1,57 mg/l Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### 2-Ethylhexyl, Nitrate (27247-96-7)

Bioconcentration factor (BCF REACH)	1332
Log Pow	4,5 – 5,26

### 12.4. Mobility in soil

#### 2-Ethylhexyl, Nitrate (27247-96-7)

Log Koc	3,8
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Comply with local regulations for disposal.
Product/Packaging disposal recommendations	: Do not dispose of with domestic waste. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Waste materials	: Dispose of contents/container in accordance with licensed collector's sorting instructions and in accordance to local and regional legislation.

## SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
<b>14.1. UN number</b>	
Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>	
Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>	
Not applicable	Not applicable
<b>14.4. Packing group</b>	
Not applicable	Not applicable
<b>14.5. Environmental hazards</b>	
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No
No supplementary information available	

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

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

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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 : 1,69 % (EU, 1999/13/EC); (USA, EPA Method 24/24A)

### 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	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
8.1	Additional information	Modified	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
11.1	Reason for no classification	Added	
13.1	Product/Packaging disposal recommendations	Modified	
13.1	Regional legislation (waste)	Modified	

### Full text of 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 Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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*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.*