



# DPF Regenerator

## Safety Data Sheet

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

MSDS Version: E06.00

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : DPF Regenerator  
Product code : W28393

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Diesel fuel additive

##### 1.2.2. Uses advised against

No additional information available

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

Wynn's Belgium  
Industriepark-West 46  
9100 Sint-Niklaas - Belgium  
T +32 3 766 60 20 - F +32 3 778 16 56  
[msds@wynns.eu](mailto:msds@wynns.eu) - [www.wynns.com](http://www.wynns.com)

#### 1.4. Emergency telephone number

Emergency number : BIG: +32(0)14/58.45.45

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

STOT RE 1 H372  
Asp. Tox. 1 H304  
Aquatic Chronic 3 H412

Full text of hazard classes and 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

Signal word (CLP) : Danger  
Hazardous ingredients : hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)  
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways  
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure  
H412 - Harmful to aquatic life with long lasting effects  
EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking  
Precautionary statements (CLP) : P102 - Keep out of reach of children  
P405 - Store locked up  
P260 - Do not breathe vapours  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor  
P331 - Do NOT induce vomiting  
P273 - Avoid release to the environment

#### 2.3. Other hazards

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name   | Product identifier   | % w     | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                |
|--|--|---------|--|
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) | (EC no) 919-164-8<br>(REACH-no) 01-2119473977-17   | >= 90   | STOT RE 1, H372<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412                                |
| Hydrocarbons, C10, aromatics, <1% naphthalene                            | (EC no) 918-811-1<br>(REACH-no) 01-2119463583-34   | 1 - 2,5 | STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                                |
| Naphthalene  | (CAS No) 91-20-3<br>(EC no) 202-049-5<br>(EC index no) 601-052-00-2<br>(REACH-no) 01-2119561346-37 | 0,1 - 1 | Acute Tox. 4 (Oral), H302<br>Carc. 2, H351<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice. |
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.   |
| First-aid measures 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.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. Ingestion of large quantities: immediately to hospital.  |

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. AFFF foam. ABC-powder.

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

|                  |   |
|------------------|---|
| Fire hazard      | : Combustible liquid. This material can accumulate static charge by flow or agitation and can be ignited by static discharge. |
| Explosion hazard | : Product is not explosive.   |

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Prevent fire fighting water from entering the environment.                                    |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

### SECTION 6: Accidental release measures

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

General measures : Use special care to avoid static electric charges. No open flames. No smoking.

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### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection. protective clothing.  
Emergency procedures : Mark the danger area. Large spills/in enclosed spaces: compressed air apparatus. Prevent flow to low areas. Take off contaminated clothing and wash before reuse.

### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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

For containment : Collect spillage. Contain leaking substance, pump over in suitable containers.  
Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean preferably with a detergent - Avoid the use of solvents.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Meet the legal requirements. Use good personal hygiene practices. Repeated exposure may cause skin dryness or cracking. Presents no particular risk when handled in accordance with good occupational hygiene practice.  
Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

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

Technical measures : Does not require any specific or particular technical measures.  
Storage conditions : Meet the legal requirements. Protect from sunlight. Store in a well-ventilated place.  
Storage area : Meet the legal requirements. Store in a well-ventilated place. Ventilation along the floor.  
Special rules on packaging : Keep only in original container. Meet the legal requirements.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

|                                 |                                  |                       |
|---------------------------------|----------------------------------|-----------------------|
| Belgium                         | Limit value (mg/m <sup>3</sup> ) | 533 mg/m <sup>3</sup> |
| Belgium                         | Limit value (ppm)                | 100 ppm               |
| Italy - Portugal - USA<br>ACGIH | ACGIH TWA (ppm)                  | 100 ppm               |

#### Hydrocarbons, C10, aromatics, <1% naphthalene

|         |                                  |                       |
|---------|----------------------------------|-----------------------|
| Belgium | Limit value (mg/m <sup>3</sup> ) | 200 mg/m <sup>3</sup> |
|---------|----------------------------------|-----------------------|

#### Naphthalene (91-20-3)

|         |                                       |                      |
|---------|---------------------------------------|----------------------|
| EU      | IOELV TWA (mg/m <sup>3</sup> )        | 50 mg/m <sup>3</sup> |
| EU      | IOELV TWA (ppm)                       | 10 ppm               |
| Belgium | Limit value (mg/m <sup>3</sup> )      | 53 mg/m <sup>3</sup> |
| Belgium | Limit value (ppm)                     | 10 ppm               |
| Belgium | Short time value (mg/m <sup>3</sup> ) | 80 mg/m <sup>3</sup> |
| Belgium | Short time value (ppm)                | 15 ppm               |
| Belgium | Remark (BE)                           | D                    |

#### Hydrocarbons, C10, aromatics, <1% naphthalene

|  |                           |
|--|---------------------------|
| DNEL/DMEL (Workers)                      |                           |
| Long-term - systemic effects, dermal     | 12,5 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 151 mg/m <sup>3</sup>     |
| DNEL/DMEL (General population)           |                           |
| Long-term - systemic effects,oral        | 7,5 mg/kg bodyweight/day  |

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### Hydrocarbons, C10, aromatics, <1% naphthalene

Long-term - systemic effects, inhalation 32 mg/m<sup>3</sup>  
Long-term - systemic effects, dermal 7,5 mg/kg bodyweight/day

### Naphthalene (91-20-3)

DNEL/DMEL (Workers)  
Long-term - systemic effects, dermal 3,57 mg/kg bodyweight/day  
Long-term - systemic effects, inhalation 25 mg/m<sup>3</sup>  
Long-term - local effects, inhalation 25 mg/m<sup>3</sup>  
PNEC (STP)  
PNEC sewage treatment plant 2,9 mg/l

## 8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

Personal protective equipment : Gloves. Safety glasses.



Hand protection : Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information : Breakthrough time : >30'. Thickness of the glove material >0,1 mm.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Colour : brown.  
Odour : characteristic.  
Odour threshold : No data available  
pH :  
Relative evaporation rate (butylacetate=1) : No data available  
refraction index : 1,446  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : 64 °C  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Density @20°C : 800 kg/m<sup>3</sup>  
Solubility : No data available  
Log Pow : No data available  
Log Kow : No data available  
Viscosity, kinematic @40°C : 1,25 mm<sup>2</sup>/s  
Viscosity, dynamic @40°C : No data available  
Viscosity :  
Viscosity Index :  
Explosive properties : No data available  
Oxidising properties : No data available  
Explosive limits : No data available

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### 9.2. Other information

|                        |  |
|------------------------|--|
| VOC content            | : 98,69 %  |
| Additional information | : The physical and chemical data in this section are typical values for this product and are not intended as product specifications. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from strong acids and strong oxidizers.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Harmful: may cause lung damage if swallowed

#### hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

|                            |                |
|----------------------------|----------------|
| LD50 oral rat              | > 15000 mg/kg  |
| LD50 dermal rabbit         | > 3400 mg/kg   |
| LC50 inhalation rat (mg/l) | > 13,1 mg/l/4h |

#### Hydrocarbons, C10, aromatics, <1% naphthalene

|                            |   |
|----------------------------|---|
| LD50 oral rat              | 6318 mg/kg bodyweight CrI:CDBR            |
| LD50 dermal rabbit         | > 2000 mg/kg bodyweight New Zealand White |
| LC50 inhalation rat (mg/l) | > 4,688 mg/l/4h Sprague-Dawley            |
| ATE CLP (oral)             | 6318,000 mg/kg bodyweight                 |

#### Naphthalene (91-20-3)

|                 |  |
|-----------------|--|
| LD50 oral rat   | > 2000 mg/kg bodyweight Sprague-Dawley |
| LD50 dermal rat | > 2500 mg/kg bodyweight Sherman        |
| ATE CLP (oral)  | 500,000 mg/kg bodyweight               |

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Aspiration hazard : May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : This product contains hazardous components for the aquatic environment.

Ecology - water : Harmful to aquatic life with long lasting effects.

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### Hydrocarbons, C10, aromatics, <1% naphthalene

|                                |  |
|--------------------------------|--|
| LC50 fish 1                    | 96h 2 - 5 mg/l Oncorhynchus mykiss             |
| EC50 Daphnia 1                 | 48h 10 mg/l Daphnia magna                      |
| EC50 other aquatic organisms 1 | 72h 1 - 3 mg/l Pseudokirchneriella subcapitata |

### Naphthalene (91-20-3)

|                |                                  |
|----------------|----------------------------------|
| LC50 fish 1    | 96h 1,6 mg/l Oncorhynchus mykiss |
| EC50 Daphnia 1 | 48h 2,16 mg/l Daphnia magna      |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant. Avoid release to the environment.

European List of Waste (LoW) code : 14 06 03\* - other solvents and solvent mixtures  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

No additional information available

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

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### 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 : 98,69 %

##### 15.1.2. National regulations

Water hazard class (WGK) : 2 - hazard to waters

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Full text of H- and EUH-statements:

|                     |  |
|---------------------|--|
| 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 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  |
| Carc. 2             | Carcinogenicity, Category 2  |
| STOT RE 1           | Specific target organ toxicity — Repeated exposure, Category 1         |
| STOT SE 3           | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H302                | Harmful if swallowed   |
| H304                | May be fatal if swallowed and enters airways                           |
| H336                | May cause drowsiness or dizziness                                      |
| H351                | Suspected of causing cancer  |
| H372                | Causes damage to organs through prolonged or repeated exposure         |
| H400                | Very toxic to aquatic life   |
| H410                | Very toxic to aquatic life with long lasting effects                   |
| 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                   |

*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*