

# SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC

Trade name: **Metabond DPFCC diesel particulate filter cleaner catalyst**

Version: 3      Latest revision: 07. 05. 2025      Previous version: 20. 03. 2020      Page: 1/(13)

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

### 1.1. Product identifier:

**Metabond DPFCC diesel particulate filter cleaner catalyst**

UFI: CUKY-T5EK-DA23-G5X7

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

Relevant identified uses: diesel particulate filter cleaner catalyst fuel additive. For residential and professional use.

Uses advised against: application other than the above.

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

#### Data of supplier:

Metabond Magyarország Kft.  
9030 Győr, Szigligeti Ede u. 5.  
Tel: +36 96 332738  
Mobile: +36 70 2719575  
www.metabond.hu

#### Responsible for SDS:

Metabond Magyarország Kft.  
9030 Győr, Szigligeti Ede u. 5.  
Tel: +36 96 332738  
Mobile: +36 70 2719575  
E-mail: metabond@metabond.hu  
www.metabond.hu

### 1.4. Emergency telephone number

Emergency telephone (on workdays: 08-16 h (CET)): +36 96 332738

Health Toxicological Information Service (ETTSZ 1097 Budapest, Albert Flórián út 2-6.)

Tel.: +36 80 201 199 (0-24 h, free number, can only be called from Hungary).

+36 1 476 6464 (0-24 h, can be called for a normal fee - also from abroad)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Hazard Class and Category:                      Hazard statement:

Asp. Tox. 1    H304                      May be fatal if swallowed and enters airways.

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## 2.2. Label elements

Product identification:      Trade name:  
**Metabond DPFCC diesel particulate filter cleaner catalyst**

Hazardous components:      Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

GHS Pictogram:



Signal word:      **Danger**

Hazard statement:  
**H304**      May be fatal if swallowed and enters airways.

Supplemental hazard information:  
**EUH066**      Repeated exposure may cause skin dryness or cracking.

Precautionary statements – General:  
**P101**      If medical advice is needed, have product container or label at hand.

Precautionary statements – Prevention:  
**P273**      Avoid release to the environment.

Precautionary statements – Response:  
**P301 + P310 + P331**      IF SWALLOWED: Immediately call a POISON CENTER/doctor/. DO NOT induce vomiting.

Precautionary statements – Storage:  
**P405**      Store locked up.

Precautionary statements – Disposal:  
**P501**      Dispose of contents/container in accordance with national regulation.

Other liabilities for labelling:

Tactile warning of danger and child-resistant fastening:      Not required.

Transport classification: see section 14.

## 2.3. Other hazards

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006.

The mixture does not contain any substance with endocrine disrupting properties.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical description:            Mixture.

Component(s) / Hazardous component(s):

Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. % (m/m)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics REACH Registr. Nr.: 01-2119457273-39	918-481-9	-	Asp. Tox. 1 (Note J)	H304 EUH066	50 - <100
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics REACH Registr. Nr.: 01-2119456620-43	926-141-6	-	Asp. Tox. 1	H304 EUH066	1-3
Naphthalene REACH Registr. Nr.: no data	202-049-5	91-20-3	Flam. Sol. 2 Acute Tox. 4 Carc. 2 Aquatic Acute 1 Aquatic Chronic 1	H228 H302 H351 H400 (M=1) H410 (M=1)	<0.01

Note J: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes.

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information:    Never give anything by mouth to an unconscious person, or never induce vomiting. In case of medical attention, show the safety data sheet. Symptoms of poisoning may even occur after several hours; the patient should be kept under observation for 48 hours.

Inhalation:            Remove the affected person to fresh air. If rapid recovery does not occur, obtain medical attention. If the patient is unconscious, place in recovery position

Skin contact:        Remove contaminated clothing and shoes. Wash skin with large amounts of water, use soap. In case of persistent irritation, get medical attention.  
Do not use solvents or thinners.

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Eye contact: In case of contact, immediately flush eyes with plenty of water with eyelids held open. Remove contact lenses, if present and easy to do. Continue rinsing. In case of a complaint, seek medical advice.

Ingestion: If swallowed, give water. **Do not** induce vomiting. Get medical attention. If vomiting occurs spontaneously, lower head below waist to prevent fluid entering the lungs.

Protection of first-aid person: No individual specifications.

4.2. Most important symptoms and effects, both acute and delayed  
Headache, Methemoglobinemia (naphthalene), chemical pneumonia.  
May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed  
In case of ingestion: Get medical attention. Show the safety data sheet. Symptoms of poisoning may even occur after several hours; the patient should be kept under observation for 48 hours.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Alcohol resistant foam., carbon dioxide, dry chemical powder, water spray.

Unsuitable extinguishing media:

Full water jet.

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

Hazardous combustion products:

On burning, carbon monoxide, carbon dioxide, various hydrocarbons and soot can be formed.

### 5.3. Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. Respiratory protection.

Further information:

Cool containers exposed to fire with water spray.

Collect contaminated firefighting water separately. It must not enter the sewage system.

Contaminated extinguishing water must be disposed of in accordance with official regulations.

## SECTION 6: Accidental release measures

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

Personal precautions: see Section 8.

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Avoid contact with the product.  
Sufficient ventilation should be provided.  
Stop leak if you can do so without risk.  
Keep unnecessary personnel away.  
Danger of slipping on leaked out/spilled product.

## 6.2. Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil  
Notify relevant authority.

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

On soil:      All kind of ignition sources should be removed. Recover free liquid by pumping. Contain spilled liquid with a non-combustible, inert, liquid-absorbent material (e.g. sand, earth, vermiculite, diatomaceous earth). The contaminated area should be cleaned with normal cleaning agents. Do not use solvents. Dispose of according to local regulations.

On water:      Confine the spillage. Remove from surface by skimming or suitable absorbents. Notify local authorities according to regulations.

## 6.4. Reference to other sections

Handling and storage: see section 7.

Personal precautions: see section 8.

Waste treatment methods: see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep general measures applied for normal operations with lubricants.

Adequate ventilation or local exhaust must be provided.

Avoid aerosol formation.

Avoid to accumulate electrostatic charge.

Keep away from radiant heat and open flame.

Avoid contact with skin and eyes. Avoid prolonged breathing of oil vapours or mists.

Wash hands before breaks and at end of work.

Take off contaminated clothing and wash it before reuse.

When using do not eat, drink or smoke. Avoid splashing the product.

Handling temperature: not known.

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

Storage facilities must comply with regulations for storing of flammable liquids.

Store in cool, dry, well-ventilated place in original, closed containers.

Keep away from radiant heat, open flame, direct sunlight.

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Do not store with strong acids, alkalis, strong oxidizing and reducing agents.  
Storage temperature: no data.

- 7.3. Specific end use(s)  
Diesel particulate filter cleaner catalyst fuel additive.

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters:

**Mineral oil mist:** TWA: **5 mg/m<sup>3</sup>**; STEL: 10 mg/m<sup>3</sup>, for oil mist, vapour excluded (ACGIH).

Method of testing, recommended: NIOSH 5026

### 8.2. Exposure controls

Engineering control measures:  
Not required.

Personal protection:

- |                            |  |
|----------------------------|--|
| (a) Eye/face protection    | Protective goggles, if splashes may occur (EN 166).  |
| (b) Skin protection        |  |
| (i) Hand protection        | Protective gloves (EN374-2, EN374-3, EN388) Material: nitrile, Breakthrough time $\geq$ 240 min, Thickness: 0.38 mm. Note: Manufacturer's directions for use and the conditions of application should be observed. |
| (ii) Other                 | Protective clothing.   |
| (c) Respiratory protection | Under normal conditions not required. In case of vapor formation respiratory protection with particle-filter is recommended.   |
| (d) Thermal hazards        | No data.   |

Environmental exposure controls:  
Do not discharge into drains/surface waters/groundwater.

## SECTION 9: Physical and chemical properties

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

- |   |                |
|---|----------------|
| a) Physical state:                            | liquid         |
| b) Colour:                                    | brown          |
| c) Odour:                                     | characteristic |
| d) Melting point/freezing point (Pour point): | not available  |

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- |  |   |
|--|---|
| e) Boiling point or initial boiling point and boiling range: | > 160°C   |
| f) Flammability:   | combustible   |
| g) Lower and upper explosion limit:                          | Product is not explosive. However, formation of explosive air/steam mixtures is possible.<br>0.6 Vol %, / 7.0 Vol % |
| h) Flash point:  | > 62°C  |
| i) Auto-ignition temperature:                                | >200°C  |
| j) Decomposition temperature:                                | not available   |
| k) pH:   | not applicable  |
| l) Kinematic viscosity:                                      | not available   |
| m) Solubility  |   |
| Solubility in water:   | insoluble   |
| Solubility in other solvents:                                | gasoline, kerosene, toluene: soluble  |
| n) Partition coefficient n-octanol/water (log value):        | not available   |
| o) Vapour pressure at 20°C:                                  | negligible  |
| p) Density and/or relative density at 20°C:                  | 0.79-0.80 g/cm <sup>3</sup>   |
| q) Relative vapour density:                                  | not available   |
| r) Particle characteristics:                                 | not available   |

9.2. Other information  
not available

## SECTION 10: Stability and reactivity

- |   |   |
|---|---|
| 10.1. Reactivity:                         | Dangerous reactivity not known.   |
| 10.2. Chemical stability:                 | No decomposition if stored and handled properly.  |
| 10.3. Possibility of hazardous reactions: | Not known.  |
| 10.4. Conditions to avoid:                | Direct sunlight, heat, spark, open flame.   |
| 10.5. Incompatible materials:             | Strong acids, strong oxidizing and reducing agents.   |
| 10.6. Hazardous decomposition products:   | No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5. |

## SECTION 11: Toxicological information

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

Acute toxicity: Based on available data, the classification criteria are not met.

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## Components:

*Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (EC: 918-481-9)*

Oral:	LD <sub>50</sub> (rat)	> 5 000 mg/kg	(OECD 401)
Dermal:	LD <sub>50</sub> (rabbit)	> 5 000 mg/kg	(OECD 402)
Inhalation (vapour):	LC <sub>50</sub> (rat)	>5 000 mg/m <sup>3</sup> /4 h	(OECD 403)

*Naphthalene (CAS: 91-20-3)*

Oral:	LD <sub>50</sub> (mouse)	533 mg/kg	(OECD 401)
Dermal:	LD <sub>50</sub> (rabbit)	> 16 000 mg/kg	(OECD 402)
Inhalation (vapour):	LC <sub>50</sub> (rat)	>0.4 mg/L	(OECD 403)

Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

The mixture does not contain any substance with endocrine disrupting properties.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data for the product.

#### Components:

*Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (EC: 918-481-9)*

Fish ( <i>Oncorhynchus mykiss</i> ):	LL <sub>0</sub>	1 000 mg/l	96 h
Daphnia ( <i>Daphnia magna</i> ):	EL <sub>0</sub>	1 000 mg/l	48 h
Algae ( <i>Pseudokirchneriella subcapitata</i> ):	EL <sub>0</sub>	1000 mg/l	72 h

*Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (EC: 926-141-6)*

Fish ( <i>Oncorhynchus mykiss</i> ):	LL <sub>50</sub>	> 1000 mg/l	96 h
Daphnia ( <i>Daphnia magna</i> ):	EL <sub>0</sub>	> 1000 mg/l	48 h
Algae ( <i>Pseudokirchneriella subcapitata</i> ):	EL <sub>0</sub>	1000 mg/l	72 h

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## *Naphthalene (CAS: 91-20-3)*

Fish ( <i>Oncorhynchus gorbuscha</i> ):	LC <sub>50</sub>	0.96 mg/l	96 h
Daphnia ( <i>Daphnia magna</i> ):	EC <sub>50</sub>	2.16 mg/l	48 h
Algae ( <i>Pseudokirchneriella subcapitata</i> )	EC <sub>50</sub>	2.96 mg/l	96 h
Fish ( <i>Oncorhynchus gorbuscha</i> ):	NOEC	0.12 mg/l	40 days
Daphnia ( <i>Daphnia pulex</i> ):	NOEC	0.59 mg/l	125 days

### 12.2. Persistence and degradability

Biodegradability: Hydrocarbons are inherently degradable.

*Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (EC: 918-481-9)* >60% (OECD 301 F) Easily degradable.

*Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (EC: 926-141-6)* Easily degradable.

*Naphthalene (CAS: 91-20-3)* 0-2% (28 days) Not degradable.

### 12.3. Bioaccumulative potential

*Naphthalene (CAS: 91-20-3)* No data available.  
LogPow: 36.5-168; BCF: 3.4

### 12.4. Mobility in soil

Absorbs in soil.

Mobility in water:

Floats on water.

### 12.5. Results of PBT and vPvB assessment

Does not contain PBT and vPvB substances.

### 12.6. Endocrine disrupting properties

The product does not contain any substance with endocrine disrupting properties.

### 12.7. Other adverse effects

Environmental effects: Large spills may be hazardous to the environment.

Water hazard class (German): No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 13 07 03\*

Other fuels (including mixtures).

Recommended waste treatment method: incineration



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## SECTION 16: Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Classification for mixtures and used evaluation method according to regulation 1272/2008/EC (CLP)

Asp. Tox. 1                      H304                      calculated method

*The full text of each relevant H- phrase and Hazard classes and cat. in Section 3.:*

H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H351	Suspected of causing cancer
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Flam. Sol. 2	Flammable solid Category 2
Acute Tox. 4	Acute toxicity Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Repr. 2	Reproductive toxicity Category 2
Aquatic Acute 1	Hazardous to the aquatic environment, Acute Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, Chronic Category 1

### Legend:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate

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BCF	Bioconcentration Factor
BOD	Biological Oxygen Demand
Bw	Body Weight
C&L	Classification and Labelling
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic or toxic to Reproduction
COD	Chemical Oxygen Demand
CSA	Chemical Safety Assessment
CSR	Chemical Safety Report
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
ECHA	European Chemicals Agency
Ec <sub>x</sub>	Effective Concentration x%
ErC <sub>50</sub>	EC <sub>50</sub> in terms of reduction of growth rate
Ed <sub>x</sub>	Effective Dose x%
EC	European Community
EC number	European Community number
ELINCS	European List of Notified Chemical Substances
ES	Exposure Scenario
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC <sub>x</sub>	Lethal Concentration x%
LD <sub>x</sub>	Lethal Dose x%
LOAEC	Lowest Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
NOEC	No observed effect concentration
NOEL	No observed effect level
NLP	No-Longer Polymer
NOAEL	No Observed Adverse Effect Level
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts/million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International carriage of Dangerous Goods by Rail
SVHC	Substance of Very High Concern
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bio-accumulative

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## Revision Indicators:

Section	Subject of change	Date	Version
1-16	Revision modification according to 2020/878/EU Full revision due to composition change	09. 12. 2022	2
1-16.	Full revision due to composition change	07. 05. 2025	3