



## SAFETY DATA SHEET

Page 1 of 7  
Issued: 28/07/2022; Revision No. 1  
Regulation (EU) 2020/878

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product Identifier

Product Name : Diesel Injector Cleaner (PMDTIC)  
UFI Number : EW8N-M0QF-J004-763D

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

Product use : Fuel Additive

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

Manufacturer/Supplier: Automotive Brands  
Weston Road  
Bretforton, Evesham  
Worcestershire  
WR11 7QA  
United Kingdom

Tel.: 01789 330 668 (Available 9am-5pm)

Email: info@automotivebrands.co.uk

1.4 Emergency tel. no.: 01789 330 668 (Available 9am-5pm)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

According to Regulation (EC) 1272/2008: Classification, Labelling and Packaging of Substances and Mixtures (CLP):

Physical and Chemical Hazard	Not classified
Human health	Asp. Tox. 1; Acute Tox. 4 (dermal)
Environment	Aquatic Chronic 2

#### 2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC:

Signal word: Danger

Contains: Distillates (petroleum), hydrotreated light / kerosine – unspecified;

Hazard Pictogram(s):



<b>Hazard Statements:</b>	H304	May be fatal if swallowed and enters airways.
	H312	Harmful if in contact with skin.
	H411	Toxic to aquatic life with long lasting effects.

<b>Precautionary Statements:</b>	P301 + P310 +331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.
	P332 + P313	If skin irritation occurs get medical attention.
	P261	Avoid breathing fume/mist/vapours/spray
	P264	Wash hands thoroughly after handling.
	P273	Avoid release to the environment.

# SAFETY DATA SHEET

Page 2 of 7  
Issued: 22/07/2022; Revision No.5  
Regulation (EU) 2020/878

P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Supplemental Hazard information (EU)</b>	EUH066 Repeated exposure may cause skin dryness or cracking

2.3 Other hazards None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

#### Hazardous components

Chemical Name	CAS No. EC No./ Index No./ Reg. No	Classification (1272/2008/EC)	SCL/M- Factor/ ATE	Content
Distillates (petroleum), hydrotreated light / kerosine - unspecified	64742-47-8 265-149-8	Asp.Tox. 1 ; H304	-	80-98%
2-ethylhexyl nitrate	27247-96-7 248-363-3 - 01-211539586-27	Acute.Tox. 4; H302 H312 H332; Aquatic Chronic 2 ; H411	-	4-5%
2-ethylhexan-1-ol	- 203-234-3 - 01-2119487289-20	Acute Tox 4; H332; Eye Irrit 2; H319 Skin Irrit 2; H315; STOT SE3; H319	-	0.1-0.5%
Butanedioic acid, polyisobutenyl derivatives; (polymer)	- Polymer	Eye Irrit 2; H319	-	0.1-0.5%

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General:** Medical treatment necessary.

**Skin contact:** Wash immediately with soap in water for 15 minutes. Immediately remove all contaminated clothing. After cleaning apply high-fat content skin care cream.

**Eye contact:** No special measures are necessary.

**Ingestion:** Rinse mouth thoroughly with water. Give nothing to eat or drink. Do not induce vomiting. Call a physician in any case!

**Inhalation:** No special measures are necessary.

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

Allergic reactions, Respiratory complaints.

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

Observe risk of aspiration if vomiting occurs.

**5. FIRE-FIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media: Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water mist.

Unsuitable extinguishing media: Strong water jet.

**5.2 Special hazards arising from the substance or mixture**

Hazardous combustion products: In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>).

**5.3 Advice for fire-fighters:**

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers.

Do not allow run-off from fire-fighting to enter drains or water courses.

**Special protective equipment for firefighters:**

Wear a self-contained breathing apparatus and chemical protective clothing..

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Special danger of slipping by leaking/spilling product. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

Remove persons to safety. See protective measures under point 7 and 8.

**6.2 Environmental precautions**

Ensure all waste water is collected and treated via a waste water treatment plant. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3 Methods and materials for containment and cleaning up**

Suitable material for taking up: Sand. Kieselguhr. Universal binder Sawdust. Collect in closed and suitable containers for disposal.

**6.4 References to other sections**

See sections 7, 8 and 13 for handling precautions, personal protection and disposal information.

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Provide adequate ventilation as well as local exhaustion at critical locations. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. All work processes must always be designed so that the following is as low as possible: Eye contact. Skin contact, inhalation of vapours or spray/mists. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Wear personal protection equipment. (see chapter 8).

**7.2 Conditions for safe storage, including any incompatibilities**

Technical measures and storage conditions:

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Never use pressure to empty container.

Hints on storage assembly:

Keep away from: Oxidising agent Acid. Alkali

Storage class : 10

**7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters****Occupational exposure limit values**

Ingredient Comments:

No exposure limits noted for ingredient(s)

Chemical name	Country	8hr TWA	15min STEL	Reference
Distillates (petroleum), hydrotreated light (CAS: 64742-47-8)	Germany	50ppm (1)(2) / 350 mg/m <sup>3</sup> (1)(2)	100ppm (1)(2) / 700 mg/m <sup>3</sup> (1)(2)	(1) skin contact (2) Vapour
	Switzerland	50ppm / 350 mg/m <sup>3</sup>	100ppm (2) / 700 mg/m <sup>3</sup> (2)	(2) Vapour
Hydrocarbons C11-C13 Isoalkanes, <2% aromatics (CAS : 90622-58-5)		SUP: 177 ppm / 1200 mg/m <sup>3</sup>		SUP (Suppliers recommendation)
2-ethylhexan-1-ol	United Kingdom	5,4 mg/m <sup>3</sup>		
	European Union	1 ppm / 5,4 mg/m <sup>3</sup>		

**8.2 Exposure controls****Personal protection****Eye/face protection:** Eye glasses with side protection.**Skin protection:** See hand protection.**Hand Protection:** Gloves with long cuffs. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough times and swelling properties of the material must be taken into consideration.**Body protection:** Overall**Respiratory protection:** Respiratory protection necessary at: exceeding exposure limit values insufficient ventilation. insufficient exhaust Handling larger quantities. Container device with compressed air (DIN EN 137). / Filtering device (full mask or mouthpiece) with filter: Filter types:A, B, E, K. Class 1: Maximum permitted contaminant concentration in inhaled air = 1000 mL/m<sup>3</sup> (0.1 % by vol.); class 2: maximum permitted contaminant concentration in inhaled air = 5000 mL/m<sup>3</sup> (0.5 % by vol.); class 3: maximum permitted contaminant concentration in inhaled air = 10000 mL/m<sup>3</sup> (1.0 % by vol.).**Hygiene measures:** When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.**Appropriate engineering controls:** Provide adequate ventilation as well as local exhaust at critical locations. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.**Environmental exposure controls:** Send to a hazardous waste incinerator facility under observation of official regulations.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Colour	Brown
Odour	Characteristic Hydrocarbon
Melting point/freezing point	No data available
Boiling point/range	200 - 250°C
Flammability	No data available
Lower/Upper explosion limit	No data available
Flash point	> 75°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH (Conc solution)	No data available
Kinematic viscosity	< 7.5
Solubility	Insoluble (water).
Partition coefficient: n-octanol/water	Not applicable for mixtures
Vapour pressure	< 1000 hPa
Density and/or relative density	0.81
Particle characteristics	Not applicable

**9.2 Other information:**

Ethanol content % 0

**10. STABILITY AND REACTIVITY**

10.1 Reactivity	No information available.
10.2 Chemical stability	No information available.
10.3 Possibility of hazardous reactions	No information available.
10.4 Conditions to avoid	No information available.
10.5 Incompatible materials	Exothermic reaction with: Oxidising agent. Strong acid Strong alkali.
10.6 Hazardous decomposition products	Decomposition with: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide. Nitrogen oxides (NO <sub>x</sub> ).

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

This mixture is classified as dangerous according to 1999/45/EC. This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**Acute toxicity**

**Acute oral toxicity** Parameter : LD50 ( ALKANES, C10-14-ISO- ; EC No : 918-481-9)  
Exposure route : Oral  
Effective dose : > 10000 mg/kg.

**Acute dermal toxicity** Parameter : LD50 ( ALKANES, C10-13-ISO- ; EC No : 918-481-9) Exposure route :  
Dermal  
Effective dose : > 3160 mg/kg

# SAFETY DATA SHEET

Page 6 of 7  
Issued: 22/07/2022; Revision No.5  
Regulation (EU) 2020/878

<b>Acute inhalation toxicity</b>	Parameter : LC50 ( SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC ; CAS No. : 64742-94-5 ) Exposure route : Inhalation Species : Rat Effective dose : > 590 mg/m3 Exposure time : 4 h
<b>Skin corrosion/irritation:</b>	Repeated exposure may cause skin dryness or cracking. Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.
<b>Serious eye damage/irritation:</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation:</b>	Based on available data, the classification criteria are not met.
<b>Repeated dose toxicity:</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data, the classification criteria are not met.
<b>Mutagenicity:</b>	Based on available data, the classification criteria are not met.
<b>Toxicity for reproduction:</b>	Based on available data, the classification criteria are not met.
<b>STOT – single exposure:</b>	Based on available data, the classification criteria are not met.
<b>STOT – repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Harmful: may cause lung damage if swallowed.
<b>11.2 Information on other hazards</b>	No further information available.
<b>Endocrine disrupting properties</b>	No ingredients have been identified as having endocrine disrupting properties.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Aquatic toxicity

No detrimental effect to aquatic organisms up to the tested concentration

#### Acute (short-term) algae toxicity

Parameter : EC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC ; CAS No. : 64742-94-5) Species : Algae

Effective dose : 1 - 3 mg/l

Exposure time : 72 h

Parameter : EC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC ; CAS No. : 64742-94-5) Species : Daphnia

Effective dose : 3 - 10 mg/l

Exposure time : 48 h

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

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

### 12.6 Endocrine disrupting properties

No information available.

# SAFETY DATA SHEET

Page 7 of 7  
Issued: 22/07/2022; Revision No.5  
Regulation (EU) 2020/878

## 12.7 Other adverse effects

No further information available. The evaluation was carried out according to the calculation method of the preparation directive.

## Ozone Depletion Potential

Not applicable.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. Clean IBCs or drums at approved facility only. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

## 14. TRANSPORT INFORMATION

General Information: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1 UN number	ADR/RID/ADN; IMDG; ICAO	Not applicable
14.2 UN proper shipping name	Not applicable	
14.3 Transport hazard class(es)	ADR/RID/ADN Class	Not applicable
	ADR/RID/ADN Class	Not applicable
	ADR Label No.	Not applicable
	IMDG Class	Not applicable
	ICAO Class/Division	Not applicable
	ICAO Subsidiary risk	Not applicable
	Transport labels	Not applicable
14.4 Packing Group	ADR/RID/ADN; IMDG; ICAO	Not applicable
14.5 Environment hazards	Marine Pollutant	Not applicable.
14.6 Special precautions for user	EMS	Not applicable
14.7 Maritime transport in bulk according to IMO instruments		Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS.

## 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## 16. OTHER INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and Commission Regulation (EU) 2020/878 amending Annex II to Regulation (EC) No. 1907/2006.

Changes since last revision: 3. Hazardous ingredients

### Full text of H-statements referred to under sections 2 and 3

H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H411 Toxic to aquatic life with long lasting effects

### Abbreviations and acronyms

ATE: Acute Toxicity Estimate.  
CAS: Chemical Abstract Service (division of the American Chemical Society).  
STOT: Single Target Organ Toxicity  
SE: Single exposure  
DNEL: Derived no effect level – a level above which humans should not be exposed.  
PNEC: Predicted No Effect Concentration  
TWA: Time-weighted average.  
SCL: Specific Concentration Limit  
STEL: Short-term exposure limit.  
PBT: Persistent, Bioaccumulative, Toxic.  
vPvB: very Persistent and very Bioaccumulative.

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