

**SAFETY DATA SHEET: EMISSIONS DETOX PRO - DIESEL****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier****Trade Name**

Emissions Detox Pro

**Product no.**

DC199

**Unique formula identifier (UFI)**

1XFR-C49X-700J-8CN6

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

Additive

**Use descriptors (REACH)**

Product category	Description
	Additives to diesel fuel

**Uses advised against**

None known.

**1.3. Details of the supplier of the safety data sheet****Company and address****DC Lubricants Limited**

7 The Old Mill, Reading Road

Pangbourne

Reading, RG8 7HY, UK

+44 118 304 8449

<https://dclubricants.uk/>**Contact person**

Product Safety Department

**E-mail**

hello@dclubricants.uk

**Revision**

11/10/2023 SDS Version

3.0

**Date of previous version**

24/01/2023 (2.0)

**Emergency telephone number**

Contact The National Poisons Information Service (dial 999, 24 h service).

See section 4 "First aid measures"

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

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

**2.2. Label elements****Hazard pictogram(s)**

**Signal word**

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)

**Precautionary statement(s)**

**General**

Keep out of reach of children. (P102)

**Prevention**

-

**Response**

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)

Do NOT induce vomiting. (P331)

**Storage**

-

**Disposal**

Dispose of contents/container in accordance with local regulation (P501)

**Hazardous substances**

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

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Additional labelling**

EUH066, Repeated exposure may cause skin dryness or cracking.

UFI: 1XFR-C49X-700J-8CN6

**2.3. Other hazards**

**Additional warnings**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

Not applicable. This product is a mixture.

**3.2. Mixtures**

**Hazard pictogram(s)**

Product/substance	Identifiers	% w/w	Classification	Note
Hydrocarbons, C10-C13, nalkanes, isoalkanes, cyclics, <2% aromatics	CAS No.: EC No.: 918-481-9 UK-REACH: Index No.:	95-100%	EUH066 Asp. Tox. 1, H304	
Hydrocarbons, C11-C14, nalkanes, isoalkanes, cyclics, <2% aromatics	CAS No.: 64742-47-8 EC No.: 926-141-6 UK-REACH: Index No.:	3-5%	EUH066 Asp. Tox. 1, H304	[19]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General Information**

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

**Eye contact**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

**Burns**

Not applicable.

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned:

Get immediate medical advice/attention.

**Information to medics**

Bring this safety data sheet or the label from this product.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Because of the danger of self-ignition, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers, alternatively the waste is to be burned.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Keep only in original packaging.

#### Storage temperature

Dry, cool and well ventilated

Store out of direct sunlight.

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3 Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

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

Long term exposure limit (8 hours) (ppm): 184

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1200

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

#### DNEL

No data available.

#### PNEC

No data available.

### 8.2 Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

#### Individual protection measures, such as personal protective equipment


##### Generally

Use only UKCA marked protective equipment.


**Respiratory Equipment**

Type	Class	Colour	Standards
No special when used as intended.			


**Skin protection**

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

**Hand protection**

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.38	> 240	EN374-2, EN374-3, EN388	

**Eye protection**

Type	Standards	
Safety glasses with side shields.	EN166	

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Physical state**

Liquid

**Colour**

Pale yellow

**Odour / Odour threshold**

Solvent

**pH**

No data available

**Density (g/cm<sup>3</sup>)**

0.7942 (20 °C)

**Kinematic viscosity**

Testing not relevant or not possible due to the nature of the product.

**Particle characteristics**

Not applicable - product is a liquid

**Phase changes**

**Melting point/Freezing point (°C)**

No data available

**Softening point/range (waxes and pastes) (°C)**

Does not apply to liquids.

**Boiling point (°C)**

150-230

**Vapour pressure**

No data available

**Relative vapour density**

No data available

**Decomposition temperature (°C)**

No data available

**Data on fire and explosion hazards**

**Flash point (°C)**

>62

▼Flammability (°C)  
>251

▼Auto-ignition temperature (°C)  
No data available

Lower and upper explosion limit (% v/v)  
Not applicable

**Solubility**

Solubility in water  
Insoluble

n-octanol/water coefficient  
No data available

Solubility in fat (g/L)  
No data available

**9.2 Other information**

Evaporation rate (n-butylacetate = 100)  
No data available

Other physical and chemical parameters  
No data available.

▼Oxidizing properties  
No data available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

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

▼Acute toxicity

Product/substance Test method: Species: Route of exposure: Test: Result:	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics OECD 403 Rat Inhalation LC50 (4 hours) >5000 mg/m <sup>3</sup>
Product/substance Test method: Species: Route of exposure: Test: Result:	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics OECD 401 Rat Oral LD50 >5000 mg/kg
Product/substance Test method: Species: Route of exposure: Test: Result:	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics OECD 402 Rabbit Dermal LD50 >5000 mg/kg

**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 sensitisation**

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

**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**

**Long term effects**

None known.

**▼Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have hormone-disrupting properties in relation to health.

**Other information**

None known.

**SECTION 12: Ecological information**

**12.1. ▼Toxicity**

Product/substance Species: Duration Test: Result:	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Daphnia, Daphnia magna 48 hours ELO 1000 mg/L
Product/substance Species: Duration Test: Result:	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Fish, Oncorhynchus mykiss 96 hours LLO 1000 mg/L
Product/substance Species: Duration Test: Result:	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Algae, Pseudokirchneriella subcapitata 72 hours ELO 1000 mg/L
Product/substance Species: Duration Test: Result:	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics Daphnia, Daphnia magna 48 hours ELO 1000 mg/L
Product/substance Species: Duration Test: Result:	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics Fish, Oncorhynchus mykiss 96 hours LLO 1000 mg/L

Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Species:	Algae, Pseudokirchneriella subcapitata
Duration	72 hours
Test:	ELO
Result:	1000 mg/L

**12.2. ▼Persistence and degradability**

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Biodegradable:	Yes
Test Method:	OECD 301 F
Result:	>60%
Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Biodegradable:	Yes

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**12.6. ▼Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

None known.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product is not covered by regulations on dangerous waste.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

**EWC code**

13 07 03\* Other fuels (including mixtures)

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: Transport information**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

**Additional information**

Not dangerous goods according to ADR, IATA and IMDG.

**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****▼Restrictions for application**

No special.

**Demands for specific education**

No specific requirements.

**SEVESO - Categories / dangerous substances**

Not applicable.

**Additional information**

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

**Sources**

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information****Full text of H-phrases as mentioned in section 3**

H304, Repeated exposure may cause skin dryness or cracking.

H304, May be fatal if swallowed and enters airways.

**The full text of identified uses as mentioned in section 1**

= Additives to petrol or diesel fuel

**Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### **Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### **▼The safety data sheet is validated by**

Product Safety Department

#### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en