



# Safety Data Sheet - Regen

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Identification of the preparation	
Product Name:	FORTRON REGEN - DPF CLEANER
Product Code:	FREGEN
Intended use:	To service and clean blocked or partially blocked DPF units.

  

1.2 Identification of the Company	
Manufacturer:	Fortron International
Address:	Unit 4 Cannel Road, Burntwood Business Park, Burntwood, Staffordshire, WS7 3FU
Country:	United Kingdom
Telephone:	01543 679 900
Fax:	01543 679 901
Emergency Phone Number:	01543 679 900

## 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture	
Classification under CLP:	Acute Tox. 4: H332; Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Carc. 2: H351; Skin Irrit. 2: H315; -: EUH066
Most important adverse effects:	Repeated exposure may cause skin dryness or cracking. May be fatal if swallowed and enters airways. Causes skin irritation. Harmful if inhaled. Suspected of causing cancer. Toxic to aquatic life with long lasting effects.

  

2.2 Label elements	
Hazard statements:	EUH066: Repeated exposure may cause skin dryness or cracking. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H332: Harmful if inhaled. H351: Suspected of causing cancer. H411: Toxic to aquatic life with long lasting effects.
Hazard Pictograms:	

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## 2. HAZARD IDENTIFICATION

Signal Words:	Danger
Precautionary statements:	P261: Avoid breathing dust/fumes/gas/mist/vapours/spray. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+310: IF SWALLOWED: Immediately call a first aid. P331: Do NOT induce vomiting. P308+313: IF exposed or concerned: Get medical attention. P501: Dispose of contents/container to an authorised waste disposal site.

### 2.3 Other Hazards

Other hazards:	Danger of serious damage to health by prolonged exposure.
PBT:	This product is not identified as a PBT/vPvB substance.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Hazardous Ingredients:

#### DIESEL FUEL - REACH registered number(s): 01-2119484664-27

EINECS	CAS	PBT / WEL	CLP Classification	Percent
269-822-7	68334-30-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Aquatic Chronic 2: H411; Acute Tox. 4: H332; Carc. 2: H351; Asp. Tox. 1: H304	50-70%

#### HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS - REACH registered number(s) 01-2119456620-43

926-141-6	-	-	Asp. Tox. 1: H304; -: EUH066	10-30%
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#### KEROSINE (PETROLEUM), HYDRODESULPHURIZED number(s): 01-2119456620-43

265-184-9	64742-81-0	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; STOT SE 3: H336	5-10%
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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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## 4. FIRST AID MEASURES

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

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.
Delayed/immediate effects:	Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment:	Not applicable.
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## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Extinguishing media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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### 5.2 Special hazards arising from the substance or mixture

Exposure hazards:	In combustion emits toxic fumes.
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### 5.3 Advice for fire-fighters

Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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## 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions:	Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
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### 6.2 Environmental precautions

Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
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### 6.3 Methods and material for containment and cleaning up

Clean-up procedures:	Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.
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## 6.4 Reference to other sections

Reference to other sections	Refer to section 8 of SDS
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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handling requirements	Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
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### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:	Store in a cool, well ventilated area. Keep container tightly closed.
Suitable packaging:	Must only be kept in original packaging.

### 7.3 Specific end use(s)

Specific end use(s):	No data available.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Controls parameters

Hazardous ingredients:	HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS
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Workplace exposure limits:			Respirable dust	
DNEL/PNEC	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1200mg/m <sup>3</sup>			

#### DNEL/PNEC Values

DNEL/PNEC	No data available
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### 8.2 Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area.
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Hand protection	Impermeable gloves.
Eye protection	Safety glasses. Ensure eye bath is to hand.
Skin protection	Impermeable protective clothing
Environmental	Prevent from entering in public sewers or the immediate environment.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Yellow-orange
Odour:	Characteristic odour

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties			
Evaporation rate:	Slow		
Oxidising:	Not applicable.		
Solubility in water:	Insoluble		
Also soluble in:	Most organic solvents.		
Viscosity:	Non-viscous		
Kinematic viscosity:	3.0		
Viscosity test method:	Kinematic viscosity in 10 <sup>-6</sup> m <sup>2</sup> /s at 40°C (ISO 3104/3105)		
Boiling point/range°C:	150-360	Melting point/range °C	Not applicable
Flamability limits %: lower:	No data available.	Upper	No data available
Flash point°C:	>65	Part.coeff. n-octanol/water	No data available
Autoflammability°C:	>200	Vapour pressure	No data available
Relative density:	0.840 typical	pH	Not applicable
VOC g/l:	No data available.		

### 9.2 Other information

Other information:	No data available.
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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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### 10.2 Chemical stability

Chemical stability:	Stable under normal conditions.
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### 10.3 Possibility of hazardous reaction

Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
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### 10.4 Conditions to avoid

Conditions to avoid:	Heat. Hot surfaces. Flames. Sources of ignition.
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### 10.5 Incompatible materials

Materials to avoid:	Strong oxidising agents. Strong acids.
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### 10.6 Hazardous decomposition products

Haz. decomp. products:	In combustion emits toxic fumes.
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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Hazardous ingredients:

#### HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>5000	mg/kg

#### KEROSINE (PETROLEUM), HYDRODESULPHURIZED

DERMAL	RBT	LD50	>2000	mg/kg
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#### Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Carcinogenicity	—	Hazardous: calculated
Aspiration hazard	—	Hazardous: calculated

### 11.2 Symptoms/routes of exposure

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.
Other information:	Not applicable.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Hazardous ingredients:

#### HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS

ALGAE	72H IC50	20	mg/l
DAPHNIA MAGNA	48H EC50	>250	mg/l
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	>1000	mg/l

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12.2 Persistence and degradability	
Persistence and degradability:	Biodegradable.
12.3 Bioaccumulative potential	
Bioaccumulative potential	No data available.
12.4 Mobility in soil	
Mobility	Readily absorbed into soil. Insoluble in water.
12.5 Results of PBT and vPvB assessment	
PBT identification:	This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects	
Other adverse effects	Toxic to aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment Methods	
Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

14.1 UN number	
UN number:	UN3082.
14.2 UN proper shipping name	
Shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIESEL FUEL)
14.3 Transport hazard class(es)	
Transport class:	9
14.4 Packing group	
Packing group:	III
14.5 Environmental hazards	
Environmentally hazardous:	Yes
Marine pollutant	Yes
14.6 Special Precautions for User	
Special precautions:	No special precautions. Limited Quantity - 5 L/kg
Tunnel code:	E
Transport category:	3

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## 15. REGULATORY INFORMATION

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

Specific regulations:	Not applicable.
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## 16. OTHER INFORMATION

### 16.1 Other information

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. * indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and s.3:	EUH066: Repeated exposure may cause skin dryness or cracking. H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H332: Harmful if inhaled. H336: May cause drowsiness or dizziness. H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H411: Toxic to aquatic life with long lasting effects.
Legal disclaimer:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.