



Prestone



## SAFETY DATA SHEET Redex DPF Cleaner

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

#### 1.1. Product identifier

<b>Product name</b>	Redex DPF Cleaner
<b>Product number</b>	RADD0013A, RADD0021A, RADD0016A
<b>UFI</b>	UFI: W296-T0TY-M009-916J
<b>REACH registration notes</b>	This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User.

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

<b>Identified uses</b>	Fuel additive.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	A Holts Car Care Product Holt Lloyd International Ltd Barton Dock Road Stretford Manchester M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854 www.holtsauto.com
<b>Contact person</b>	Contact Email address: info@holtsauto.com

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
<b>National emergency telephone number</b>	National Poisons Information Service City Hospital, Birmingham B187QH, United Kingdom Telephone: +44 121 507 4123 Email: allistervale@npis.org, sallybradberr@npis.org  www.npis.org

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

<b>Physical hazards</b>	Flam. Liq. 3 - H226
<b>Health hazards</b>	STOT SE 3 - H336 Asp. Tox. 1 - H304
<b>Environmental hazards</b>	Not Classified

#### 2.2. Label elements

## Redex DPF Cleaner

### Hazard pictograms



### Signal word

Danger

### Hazard statements

H226 Flammable liquid and vapour.  
 H336 May cause drowsiness or dizziness.  
 H304 May be fatal if swallowed and enters airways.

### Precautionary statements

P102 Keep out of reach of children.  
 P101 If medical advice is needed, have product container or label at hand.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 Avoid breathing vapour/ spray.  
 P271 Use only outdoors or in a well-ventilated area.  
 P501 Dispose of contents/ container in accordance with local regulations.

### Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

### UFI

UFI: W296-T0TY-M009-916J

### Contains

Naphtha (petroleum), hydrotreated heavy (<0.1% Benzene)

### Detergent labelling

≥ 30% aliphatic hydrocarbons

### Supplementary precautionary statements

P240 Ground and bond container and receiving equipment.  
 P241 Use explosion-proof electrical equipment.  
 P242 Use non-sparking tools.  
 P243 Take action to prevent static discharges.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTRE/doctor if you feel unwell.  
 P331 Do NOT induce vomiting.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures



## Redex DPF Cleaner

<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Prolonged contact may cause redness and/or tearing.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** In case of fire, toxic and corrosive gases may be formed. No unusual fire or explosion hazards noted.

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

**Environmental precautions** Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. For waste disposal, see Section 13.

### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions** Store in a cool and well-ventilated place. Keep only in the original container. Keep away from food, drink and animal feeding stuffs.

**Storage class** Flammable solid storage.

## Redex DPF Cleaner

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Advisory OEL. CEFIC-HSPA : 1200 mg/m<sup>3</sup>

**Distillates (Petroleum), Hydrotreated, Light Kerosene**

RCP-TWA (Vapour) : 150 ppm / 1200 mg/m<sup>3</sup>

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

DNEL	Industry - Dermal; Long term : 208 mg/kg/day
	Industry - Inhalation; Long term : 871 mg/m <sup>3</sup>
	Consumer - Dermal; Long term : 125 mg/kg/day
	Consumer - Inhalation; Long term : 185 mg/m <sup>3</sup>
	Consumer - Oral; Long term : 125 mg/l

##### Distillates (Petroleum), Hydrotreated, Light Kerosene (CAS: 64742-47-8)

DNEL	General population - Oral; Long term systemic effects: 18.75 mg/kg bw/day
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##### Cerium Dioxide (CAS: 1306-38-3)

DNEL	Workers - Inhalation; Long term systemic effects: 3 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 8.33 mg/kg bw/day
	General population - Inhalation; Long term systemic effects: 1.5 mg/m <sup>3</sup>
	General population - Dermal; Long term systemic effects: 4.17 mg/kg bw/day
	General population - Oral; Long term systemic effects: 4.17 mg/kg bw/day

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

No specific ventilation requirements.

##### Eye/face protection

Wear chemical splash goggles.

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

##### Other skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact.

##### Hygiene measures

Wash hands after handling.

##### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and chemical properties

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

**Appearance** Coloured liquid.

## Redex DPF Cleaner

Colour	Brown.
Odour	Organic solvents.
pH	5.35
Initial boiling point and range	>40°C @ 760 mm Hg
Flash point	39°C Closed cup.
Relative density	0.79 @ 20°C
Solubility(ies)	Immiscible with water.
Viscosity	600 - 1000 cP @ 20°C

### 9.2. Other information

Other information	None.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not applicable. Will not polymerise.
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid heat. Avoid freezing.
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### 10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological effects	No information available.
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#### Acute toxicity - oral

Notes (oral LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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#### Acute toxicity - dermal

Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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#### Acute toxicity - inhalation

Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.
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#### Skin corrosion/irritation

Skin corrosion/irritation	Based on available data the classification criteria are not met.
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#### Serious eye damage/irritation

## Redex DPF Cleaner

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** May cause drowsiness or dizziness.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

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

**Inhalation** May cause discomfort.

**Ingestion** Aspiration hazard if swallowed. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

**Skin contact** May be slightly irritating to skin.

**Eye contact** May be slightly irritating to eyes.

**Acute and chronic health hazards** No specific long-term effects known.

**Route of exposure** Dermal

### Toxicological information on ingredients.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 5000 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 5,000.0

#### Acute toxicity - dermal

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**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

**ATE dermal (mg/kg)** 5,000.0

### Acute toxicity - inhalation

**Species** Rat

**Notes (inhalation LC<sub>50</sub>)** LC50 > 5000 mg/m<sup>3</sup>, Inhalation, Rat

### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** Not irritating

### Respiratory sensitisation

**Respiratory sensitisation** No information available.

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** Negative.

### Carcinogenicity

**Carcinogenicity** There is no evidence that the product can cause cancer.

### Reproductive toxicity

**Reproductive toxicity - fertility** One-generation study - NOAEL >= 3000 mg/kg bw/day, Oral, Rat P

**Reproductive toxicity - development** Developmental toxicity: - NOAEC: >= 300 ppm, Inhalation, Rat

### Specific target organ toxicity - single exposure

**STOT - single exposure** May cause drowsiness or dizziness.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

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

### Distillates (Petroleum), Hydrotreated, Light Kerosene

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 5000 mg/kg, Oral, Rat

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 2000 mg/kg, Dermal, Rabbit

### Acute toxicity - inhalation

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<b>Notes (inhalation LC<sub>50</sub>)</b>	LC50 > 5.28 mg/l, Inhalation, Rat
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	May cause skin irritation.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Not irritating
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Negative.
<b>Genotoxicity - in vivo</b>	Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No information available.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	One-generation study - NOAEL 1500 mg/kg bw/day, Oral, Rat P One-generation study - NOAEC 1000 mg/m <sup>3</sup> , Inhalation, Rat P One-generation study - NOAEL 494 mg/kg bw/day, Dermal, Rat P
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOAEL: 1000 mg/kg bw/day, Oral, Rat Developmental toxicity: - NOAEC: 364 mg/m <sup>3</sup> , Inhalation, Rat
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	No information available.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	No information available.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

### Cerium Dioxide

<b><u>Acute toxicity - oral</u></b>	
<b>Notes (oral LD<sub>50</sub>)</b>	LD <sub>50</sub> > 2000 mg/kg, Oral, Rat
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	LD <sub>50</sub> > 5000 mg/kg, Dermal, Rat
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	LC50 > 5.05 mg/l, Inhalation, Rat
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	

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<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Negative.
<b>Genotoxicity - in vivo</b>	Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No information available.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	One-generation study - NOEL 1000 mg/kg bw/day, Oral, Rat P One-generation study - NOEL 1000 mg/kg bw/day, Oral, Rat F1
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOEL: 1000 mg/kg bw/day, Oral, Rat Fetotoxicity: - NOEL: 1000 mg/kg bw/day, Oral, Rat
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.

### SECTION 12: Ecological information

**Ecotoxicity** No negative effects on the aquatic environment are known.

#### **12.1. Toxicity**

##### **Acute aquatic toxicity**

**Acute toxicity - fish** Not available.

**Acute toxicity - aquatic invertebrates** Not available.

**Acute toxicity - aquatic plants** Not available.

**Acute toxicity - microorganisms** Not available.

**Acute toxicity - terrestrial** Not available.

##### **Chronic aquatic toxicity**

**Chronic toxicity - fish early life stage** Not available.

**Short term toxicity - embryo and sac fry stages** Not available.

## Redex DPF Cleaner

**Chronic toxicity - aquatic invertebrates** Not available.

### Ecological information on ingredients.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

##### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: > 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: > 1000 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , 72 hours: > 1000 mg/l, Pseudokirchneriella subcapitata
<b>Acute toxicity - microorganisms</b>	EL <sub>50</sub> , 48 hours: 0.95 mg/l, Tetrahymena pyriformis, QSAR model

#### Distillates (Petroleum), Hydrotreated, Light Kerosene

##### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	NOEC, 96 hours: 2.0 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EL <sub>50</sub> , 48 hours: 1.4 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EL <sub>50</sub> , 72 hours: 1-3 mg/l, Raphidocelis subcapitata
<b>Acute toxicity - microorganisms</b>	LL <sub>50</sub> , 72 hours: 677.9 mg/l, Tetrahymena pyriformis, QSAR model

##### Chronic aquatic toxicity

<b>Chronic toxicity - aquatic invertebrates</b>	NOEL, 21 days: 0.48 mg/l, Daphnia magna
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#### Cerium Dioxide

##### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	EC <sub>50</sub> , 72 hours: > 200 mg/l, Brachydanio rerio (Zebra Fish) NOEC, 72 hours: >= 200 mg/l, Brachydanio rerio (Zebra Fish)
<b>Acute toxicity - aquatic invertebrates</b>	EL <sub>50</sub> , 48 hours: > 100 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EL <sub>50</sub> , 72 hours: > 100 mg/l, Desmodesmus subspicatus
<b>Acute toxicity - microorganisms</b>	NOEC, 3 hours: >= 1003.8 mg/l, Activated sludge

##### Chronic aquatic toxicity

<b>Chronic toxicity - aquatic invertebrates</b>	NOELR, 21 days: >= 100 mg/l, Daphnia magna
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### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### Ecological information on ingredients.

## Redex DPF Cleaner

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Persistence and degradability** Rapidly degradable

### Distillates (Petroleum), Hydrotreated, Light Kerosene

**Biodegradation** Inherently biodegradable.

### Cerium Dioxide

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### Ecological information on ingredients.

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### Distillates (Petroleum), Hydrotreated, Light Kerosene

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### Cerium Dioxide

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product contains substances which are water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### Distillates (Petroleum), Hydrotreated, Light Kerosene

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## Redex DPF Cleaner

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General** Refer to the Dangerous Goods List for information on any Special Provisions 274, 601.

#### 14.1. UN number

UN No. (ADR/RID)	1993
UN No. (IMDG)	1993
UN No. (ICAO)	1993
UN No. (ADN)	1993

#### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	FLAMMABLE LIQUID, N.O.S. (CONTAINS Naphtha (petroleum), hydrotreated heavy (<0.1% Benzene))
<b>Proper shipping name (IMDG)</b>	FLAMMABLE LIQUID, N.O.S. (CONTAINS Naphtha (petroleum), hydrotreated heavy (<0.1% Benzene))
<b>Proper shipping name (ICAO)</b>	FLAMMABLE LIQUID, N.O.S. (CONTAINS Naphtha (petroleum), hydrotreated heavy (<0.1% Benzene))
<b>Proper shipping name (ADN)</b>	FLAMMABLE LIQUID, N.O.S. (CONTAINS Naphtha (petroleum), hydrotreated heavy (<0.1% Benzene))

#### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### 14.6. Special precautions for user

## Redex DPF Cleaner

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).
<b>Authorisations (Annex XIV Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Annex XVII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## Redex DPF Cleaner

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>BOD: Biochemical Oxygen Demand.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>GHS: Globally Harmonized System.</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</p> <p>SVHC: Substances of Very High Concern.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>Revision date</b>	12/05/2020
<b>Revision</b>	3
<b>Supersedes date</b>	15/01/2020
<b>SDS number</b>	14992
<b>Hazard statements in full</b>	<p>H226 Flammable liquid and vapour.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H336 May cause drowsiness or dizziness.</p>