



# Safety Data Sheet - Fortron Eco Logic Advanced Petrol System Cleaner

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 Identification of the preparation

Product Name:	FORTRON Eco Logic Advanced Petrol System Cleaner
Product Code:	FELAPSC

### 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 (office hours only)

## 2. HAZARD IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification under CLP:	Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H336
Most important adverse effects	Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard statements:	H226: Flammable liquid and vapour H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation H336: May cause drowsiness or dizziness H411: Toxic to aquatic life with long lasting effects.
Hazard Pictograms:	GHS02: Flame GHS07: Exclamation mark GHS08: Health Hazard GHS09: Environmental



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## 2.2 Label elements

Signal Words:	Danger
Precautionary statements:	<p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor/first aid</p> <p>P331: Do NOT induce vomiting.</p> <p>P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</p> <p>P332+313: If skin irritation occurs: Get medical advice/attention.</p>

## 2.3 Other Hazards

PBT:	This product is not identified as a PBT/vPvB substance
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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Hazardous Ingredients:

#### KEROSINE (PETROLEUM), HYDRODESULPHURIZED

EINECS	CAS	PBT/WEL	CLP Classification	Percent
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	>70%

#### HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS - REACH registered number(s): 01-2119463258-33-XXXX

EINECS	CAS	PBT/WEL	CLP Classification	Percent
919-857-5	64742-48-9	—	Flam. Liq. 3: H226; STOT SE 3: H336; Asp. Tox. 1: H304; -: EUH066	1-10%

#### POLYOLEFIN ALKYL PHENOL ALKYL AMINE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
NONE	PROPRIETRY	—	Skin Irrit. 2: H315	1-10%

#### 2-ETHYLHEXAN-1-OL

EINECS	CAS	PBT/WEL	CLP Classification	Percent
203-234-3	104-76-7	—	STOT SE 3: H335; Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319	<1%

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## 3.2 Mixtures

Non-classified ingredients:

**BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS - REACH registered number(s): 01-2119978241-36-XXXX**

EINECS	CAS	PBT/WEL	CLP Classification	Percent
939-603-7	—	—	Skin Sens. 1B: H317	<1%

**AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD, N,N-BIS(HYDROXYETHYL) - REACH registered number(s): 01-2119490100-53**

EINECS	CAS	PBT/WEL	CLP Classification	Percent
931-329-6	68155-07-7	—	Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315	<1%

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Skin contact:	Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.
Eye contact:	Bathe the eye with running water for 15 minutes.
Ingestion:	Do not induce vomiting. Wash out mouth with water. Consult a doctor
Inhalation:	Move to fresh air in case of accidental inhalation of vapours.

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

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	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.

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

Immediate/ Special Treatment:	Do not induce vomiting. Eye bathing equipment should be available on the premises.
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## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing Media:	Water spray. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Use water spray to cool containers.
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### 5.2 Special hazards arising from the substance or mixture

Exposure hazards:	Flammable. 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.

## 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. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2 Environmental precautions

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

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

Clean-up procedures:

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4 Reference to other sections

Reference to other sections

Refer to section 8 of SDS

## 7. HANDLING AND STORAGE

### 7.1 Handling and storage

Handling requirements:

Ensure there is sufficient ventilation of the area.

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

Storage conditions:

Store in a cool, well ventilated area. Keep away from sources of ignition.

Suitable packaging:

Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Hazardous ingredients:

#### HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Workplace exposure limits:			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	—	—	1000mg/m3	—

DNEL/PNEC No data

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## 8.2 Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Respiratory protection not required.
Hand protection:	Gloves (solvent-resistant). Breakthrough time of the glove material > 4 hours
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	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	Flammability limits %: lower:	No data available
Colour:	Red	Flash point°C:	42
Odour:	Solvent	Autoflammability°C:	>200
Evaporation rate	Moderate	Relative density:	0.815
Oxidising:	Not applicable	VOC g/l:	No data available
Solubility in water:	Miscible	Melting point/range°C:	<0°C
Also soluble in:	Most organic solvents	upper:	No data available.
Viscosity:	Non- viscous	Part.coeff. n-octanol/water:	No data available
Kinematic viscosity:	<=20.5	Vapour pressure:	approx 2.9 kPa @20°
Viscosity test method:	Kinematic viscosity in 10-6 m <sup>2</sup> /s at 40°C (ISO 3104/3105)	pH:	Not applicable
Boiling point/range°C:	140-310		

### 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. Sources of ignition. Flames
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## 10.5 Incompatible materials

Materials to avoid:	Oxidising agents. Reducing agents
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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:

<b>KEROSINE (PETROLEUM) HYDRODESULPHURISED</b>			
DERMAL	RBT	LD50	>2000mg/kg

<b>HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, &lt;2% AROMATICS</b>			
DERMAL	RBT	LD50	>5000mg/kg
ORAL	RAT	LD50	>5000mg/kg
VAPOURS	RAT	LD50	>4.95mg/l

<b>2-ETHYLHEXAN-1-OL</b>			
ORAL	RAT	LD50	2047mg/kg
VAPOURS	RAT	LD50	0.89mg/l

<b>AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD, N,N-BIS(HYDROXYETHYL)</b>			
DERMAL	RAT	LD50	>2000mg/kg
ORAL	RAT	LD50	>5000mg/kg

<b>Relevant hazards for product:</b>		
Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

### Symptoms/routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	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.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Hazardous ingredients:****HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS**

Daphnia magna	48H EC50	>1000mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>1000mg/l

**AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD, N, N-BIS (HYDROXYETHYL)**

ALGAE	72H IC50	3.9mg/l
DAPHNIA	72H ErC50	3.2mg/l
FISH	96H LC50	2.4mg/l

### 12.2 Persistence and degradability

Persistence and degradability:	Biodegradable.
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### 12.3 Bioaccumulative potential

Bioaccumulative potential	Bioaccumulation potential.
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### 12.4 Mobility in soil

Mobility	Volatile. Soluble in water. Floats on water
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### 12.5 Results of PBT and vPvB assessment

PBT identification:	This product is not identified as a PBT/vPvB substance
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### 12.6 Other adverse effects

Other adverse effects	Toxic to aquatic organisms
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## 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.
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## 14. TRANSPORT INFORMATION

### 14.1 UN number

UN1993

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14.2 UN Proper shipping name	
Shipping name:	Flammable Liquid, NOS (Kerosine (Petroleum), Hydrodesulphurized)

14.3 Transport hazard classes	
Transport class	3

14.4 Packing group	
Packing group	III

14.5 Environmental hazards	
Environmentally hazardous	Yes
Marine pollutant	Yes

14.6 Environmental hazards	
Special precautions:	Limited Quantity - 5L/kg no special precautions
Tunnel code:	D/E
Transport category:	3

## 15. SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS

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

15.2 Chemical Safety Assessment

## 16. OTHER INFORMATION

16.1 Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used in s.2 and s.3:	<p>EUH066: Repeated exposure may cause skin dryness or cracking.</p> <p>H226: Flammable liquid and vapour.</p> <p>H304: May be fatal if swallowed and enters airways.</p> <p>H315: Causes skin irritation.</p> <p>H317: May cause an allergic skin reaction</p> <p>H318: Causes serious eye damage</p> <p>H319: Causes serious eye irritation.</p> <p>H332: Harmful if inhaled.</p> <p>H335: May cause respiratory irritation.</p> <p>H336: May cause drowsiness or dizziness.</p> <p>H411: Toxic to aquatic life with long lasting effects.</p>
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Further Information

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.