

# Safety Data Sheet

## Fuel Conditioning Pill

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

#### 1.1 Product Identifier

Product Name: Fuel Conditioning Pill  
Substance / Mixture: Mixture

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

Identified Uses: Fuel Conditioner for reduction in harmful emissions.

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

Company: Performance Emissions Ltd  
Address: 23 Bartlett Street,  
Caerphilly  
CF83 1JS United Kingdom  
United Kingdom  
Telephone: +44 (0) 2920 695195  
Fax:  
E-mail: info@performanceemissions.co.uk

#### 1.4

##### Emergency telephone number

Emergency Phone: +44 7391 820136

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

R-phrase(s) R22 : Harmful if swallowed. R34 : Causes burns. R50 : Very toxic to aquatic organisms. S-phrase(s) S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 : After contact with skin, wash immediately with plenty of soap and water. S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

Classification according to Regulation (67/548/EEC)

Xn;R22. Xi;R36.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2 Label Elements



Hazard pictograms

**Signal word**  
**Hazard statements**

**Warning flammable**  
 Harmful if swallowed.  
 Causes serious eye irritation.

**Precautionary statements**

Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store in a well-ventilated place. Keep container tightly closed. Dispose of this material and its container to hazardous or special waste collection. Do not get in eyes, on skin, or on clothing. Get medical advice/attention if you feel unwell.

**2.3 Other Hazards**  
 None.

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

**3.2 Mixtures**

Component name (CAS)	%	Classification		Type
		67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Polyoxyl 40 Hydrogenated Castor Oil	<30	61788-85-0	Not classified	
Organo Quaternary Amine 7173-51-5	<20	Not classified as harmful	Not classified	[1]
Iron Oxide 51274-00-1	>35	Not classified as harmful	Not classified	[1]
Proprietary Organic Polymer	<15	Not classified as harmful	Not classified	[1]

Type: [1] Constituent, [2] Impurity, [3] Stabilizing additive

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

#### **If inhaled**

Move person into fresh air. If not breathing give artificial respiration. If any symptoms persist obtain medical advice.

#### **In case of skin contact**

Wash off immediately with plenty of water. Consult a physician.

#### **In case of eye contact**

Flush eyes with plenty of water for at least 15 minutes and consult a physician.

#### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. If any symptoms persist obtain medical advice.

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

Corrosive to eyes.

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

Treat according to symptoms.

## SECTION 5: Fire fighting measures

### 5.1 Extinguishing Media

Suitable extinguishing media: water spray, dry powder, foam, or CO<sub>2</sub>.

Unsuitable extinguishing media: full water jet (may release chemical into environment and spread the fire).

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

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3 Advice for fire fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes and clothing.

Wear personal protective clothing as described in Section 8.

### 6.2 Environmental precautions

Collect and dispose of spillage as indicated in section 13. Do not let the product enter drains. Do not discharge into the subsoil/soil.

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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wash thoroughly after dealing with a spillage.

### 6.4 Reference to other sections

Suitable personal protective clothing is described in Section 8.

Information regarding disposal can be found in Section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Keep container tightly sealed. Provide appropriate exhaust ventilation in places where fumes are formed. Prevent formation of aerosols. Do not eat, drink or smoke in work areas. Remove contaminated clothing and protective equipment before entering eating/clean areas. Eliminate all sources of ignition.

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

Store in sealed containers in a cool, dry, well-ventilated area. Storage temperature > - 10 °C. Protect from freezing and direct sunlight. Keep away from heat, sparks and open flame.

### 7.3 Specific end uses

Fuel Treatment for Reduction in Harmful Emissions

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Occupation exposure limits

No exposure limit value known.

### 8.2 Exposure controls

#### Occupational exposure controls

Provide appropriate exhaust ventilation at machinery and at places where fumes can be generated.

#### Protective and hygiene measures

Do not breathe vapour. When using, do not eat, drink or smoke.

Remove and wash contaminated clothing before re-use.

Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing.

#### Personal protective equipment

##### Eye / face protection

Use safety glasses with side shields (frame goggles) tested and approved under appropriate government standards such as EN 166 (EU) or NIOSH (US).

##### Skin protection

Handle with gloves. Suitable chemical resistant gloves should be used. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body protection

Wear appropriate protective clothing to prevent skin exposure.

##### Respiratory protection

Suitable face mask must be worn if exposed to vapour or aerosol.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	solid
Colour:	Various
Odour:	mild aromatic
Odour threshold:	not determined
pH value:	not applicable
Melting point / freezing point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	> 100°C
Evaporation rate:	not determined
Flammability (solid, gas):	not applicable
Upper / lower flammability or exposure limits:	not determined
Vapour pressure:	not determined
Vapour density:	not determined
Relative density:	~0.89 – 0.98 g/cm <sup>3</sup>
Solubility:	slightly soluble in water
Partition coefficient; n-octanol/water:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
Viscosity:	< 200 mPas (20°C)
Explosive properties:	not determined
Oxidising properties:	not determined

### 9.2 Other information

No specific data.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed. No specific reactivity hazards associated with this product.

### 10.2 Chemical stability

The product is stable if stored and handled as indicated.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known.

### 10.4 Conditions to avoid

Avoid exposures to or contact with extreme temperatures, direct sunlight, incompatible materials and sources of ignition. Avoid frost.

### 10.5 Incompatible materials

Strong acids. Strong alkalis. Strong oxidising substances.

### 10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Component name	Result	Species	Dose
Organo Quaternary amine mixture 7173-51-5	LD50 Oral LD50 Dermal LC50 Inhalation	Rat Rabbit Rat	2400 mg/kg >2214 mg/kg 1000 mg/l

#### Skin corrosion / irritation

Liquid may irritate skin. Irritating to eyes.

#### Respiratory or skin sensitisation

No sensitising effects known.

#### Germ cell mutagenicity

Mutagenicity: AMES TEST – Negative

#### Carcinogenicity

Carcinogenicity: Not classified

Mutagenicity: Not classified [OECD 471]

Teratogenicity: Not classified

#### Reproductive toxicity

No data available

#### Specific target organ toxicity – single exposure

No data available

#### Specific target organ toxicity – repeated exposure

No data available

#### Aspiration hazard

Vapour may irritate respiratory system or lungs.

#### Other information

Eye Effect: Irritating to eyes.

## SECTION 12: Ecological information

### 12.1 Toxicity

Component name	Result	Species	Dose
Organo Quaternary amine mixture 7173-51-5	LC50/96h EC50/48h EC50/72h EC10/LC10/72h	Pifpx2hales promelas (Fat-head Minnow) Daphnia Algae: Desmodesmus subspicatus Algae: Desmodesmus subspicatus	344 mg/l 488 mg/l 443 mg/l 159 mg/l

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

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

**12.4 Mobility in soil**  
No data available.

**12.5 Results of PBT and vPvB assessment**  
Not Classified as PBT/vPvB by current EU criteria.

**12.6 Other adverse effects**  
No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product disposal

Disposal must be made according to official regulations. Do not allow the product to enter sewage system.

#### Packaging

Contaminated packaging that cannot be cleaned should be disposed of in the same manner as the contents.

#### Other information

Do not let the product enter drains.

## SECTION 14: Transport Information

	ADR/RID	IMDG	IATA
<b>14.1 UN number</b>	-	-	-
<b>14.2 UN proper shipping name</b>	Not dangerous goods	Not dangerous goods	Not dangerous goods
<b>14.3 Transport hazard class(es)</b>	-	-	-
<b>14.4 Packing group</b>	-	-	-
<b>14.5 Environmental Hazards</b>	-	-	-

**14.6 Special precautions for user**  
No further relevant information available.

## SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

#### National regulatory information

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

## SECTION 16: Additional information

The above information is believed to be correct but does not purport to be all inclusive, and shall be used only as a guide. Steltec Holdings Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

<b>Full text of abbreviated H-statements:</b>	H302 H319	Harmful if swallowed. Causes serious eye irritation.
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<b>Full text of abbreviated R-phrases:</b>	R22 R36	Harmful if swallowed. Irritating to eyes.
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<b>Full text of classifications [DSD/DPD]:</b>	Xi	Irritant
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