



Safety Data Sheet - Fortron DPF Restore

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Identification of the preparation	
Product Name:	FORTRON DPF RESTORE
Product Code:	FDPFREST

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:	EUH210
Most important adverse effects:	Safety data sheet available upon request.

2.2 Label elements	
Hazard statements:	EUH210: Safety Data Sheet available upon request.
Signal Words:	
Precautionary statements:	P280: Wear protective gloves/eye protection

2.3 Other Hazards	
Other hazards:	
PBT:	This product is not identified as a PBT/vPvB substance.

Safety Data Sheet - Fortron DPF Restore

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous Ingredients:

PROPANE-1, 2-DIOL - REACH registered number(s): 01-2119456809-23				
EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-338-0	57-55-6	Substance with a Community workplace exposure limit.	-	5-10%

(2-METHOXYMETHYLETHOXY) PROPANOL - REACH registered number(s): 01-2119450011-60				
EINECS	CAS	PBT / WEL	CLP Classification	Percent
252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	1-5%

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.

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. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
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:	Eye bathing equipment should be available on the premises.
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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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Safety Data Sheet - Fortron DPF Restore

5. FIRE-FIGHTING MEASURES

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:	Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
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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	Avoid direct contact with the substance. 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.
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7.3 Specific end use(s)

Specific end use(s):	No data available.
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Safety Data Sheet - Fortron DPF Restore

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Controls parameters

Hazardous ingredients:

Workplace exposure limits		Respirable dust		
PROPANE-1,2-DIOL				
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	474 mg/m ³	-	-	-
(2-METHOXYMETHYLETHOXY) PROPANOL				
UK	50ppm(sk)	-	-	-

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	Protective gloves.
Eye protection	Safety glasses. Ensure eye bath is to hand.
Skin protection	Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State:	Liquid		
Colour:	Colourless		
Odour:	Characteristic odour		
Evaporation rate:	Slow		
Oxidising:	Not applicable		
Solubility in water:	Soluble		
Viscosity:	Non-viscous		
Boiling point/range°C:	100	Melting point/range °C	No data available
Flamability limits %: lower:	No data available	Upper	No data available
Flash point°C:	>70	Part.coeff. n-octanol/water	No data available
Autoflammability°C:	>200	Vapour pressure	No data available
Relative density:	1.015 typical	pH	13.00 typical

9.2 Other information

Other information:	No data available.
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Safety Data Sheet - Fortron DPF Restore

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:	Flames.
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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:

PROPANE-1,2-DIOL

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>20000	mg/kg

(2-METHOXYMETHYLETHOXY)PROPANOL

DERMAL	RBT	LD50	9150	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

Toxicity values: no data available

11.2 Symptoms/routes of exposure

Skin contact:	There may be irritation at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

Safety Data Sheet - Fortron DPF Restore

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Hazardous ingredients:

PROPANE-1,2-DIOL

Daphnia magna	48H EC50	>4000	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	40613	mg/l
Scenedesmus Subspicatus	48H EC50	19000	mg/l

(2-METHOXYMETHYLETHOXY)PROPANOL

DAPHNIA	48H EC50	1919	mg/l
FISH	96H LC50	>1000	mg/l
GREEN ALGA (<i>selenastrum capricornutum</i>)	96H ErC50	>969	mg/l

12.2 Persistence and degradability

Persistence and degradability:	Biodegradable.
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12.3 Bioaccumulative potential

Bioaccumulative potential	No bioaccumulation potential.
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12.4 Mobility in soil

Mobility	Readily absorbed into soil. Soluble in 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	Negligible ecotoxicity.
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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 Transport class(es)

Transport class:	This product does not require a classification for transport.
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Safety Data Sheet - Fortron DPF Restore

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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15.2 Chemical safety assessment

Specific regulations:	No data available.
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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:	EUH210: Safety data sheet available on request.
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.