



Section 1. Product and Company Identification.

1.1 Model Number; DPF1KIT
1.2 Description; DPF Ultra Cleaning Kit
DPF Cleaner

1.3 Manufacturer;

Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 01/08/2016

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Eye irritation, category 2

2.2 Label elements.

Hazard pictogram(s)



Signal Word. WARNING

Hazard statements;

Causes serious eye irritation.

Precautionary statements;

Keep out of reach of children

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.

2.3 Other hazards.

None identified.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration	Classification	
			Hazard Class & Category Code	Hazard Statements ¹
Alcohols C9-11 branches and linear, ethoxylated 5 – 20 EO	68439-46-3	1-10%	-	-
Tetrapotassium Pyrophosphate	7320-34-5	1-10%	-	-
Sodium Xylenesuphonate	1300-72-7	1-10%	-	-
Sodium hydroxide	1310-73-2	<5%	H314	H314
Nirtilotriacetate, trisodium salt	5064-31-3	<5%	H351 H302 H319	H351 H302 H319
1-methoxy-2-propanol	107-98-2	<5%	H226 H336	H226 H336

¹For full text of Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

If breathing difficulties develop, remove the person to fresh air.

Loosen close fitting clothing.

Ensure that person is warm.

Seek medical attention.

Skin Contact

Remove contaminated clothing.

Wash affected area(s) with soap and water.

Seek medical attention if chemical burn(s) appear or if symptoms persist.

Eye Contact

Irrigate eyes with water for at least 15 minutes while raising eyelid(s).

Seek medical attention.

Ingestion

Do not induce vomiting.

Do not give food or drink.

Seek medical attention.

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

In the event that the substance has contact with eyes, it may cause a burning sensation, redness, swelling and/or blurred vision.

In the event that the substance has contact with skin, it may cause a burning sensation, redness, swelling and/or blisters.

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

No data available



Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Use extinguishing media that is appropriate for the surrounding area.

5.2. Special hazards arising from the substance or mixture

Aqueous liquid: does not show any particular risk in case of fire.

5.3. Advice for fire-fighters

Fire Fighters shall wear self-contained breathing apparatus and appropriate Personal Protective Equipment.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing, see section 8.

6.2. Environmental precautions

Collect in a leak proof container.

Prevent entry into waterways, sewers, basements or confined areas

6.3. Methods and material for containment and cleaning up

Rinse contamination with water.

6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

Wear appropriate protective clothing, see section 8

Wash hands after handling.

Remove and wash contaminated clothes before re-use.

7.2. Conditions for safe storage, including any incompatibilities

Store substance in a tight, dry and well-ventilated place.

Keep in original packaging.

7.3. Specific end use(s)

Intended for use as a DPF Cleaner for the Model Number identified in 1.1 with Description stated in 1.2.



Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m ³	ppm	mg.m ³
Sodium Hydroxide	1310-73-2	-	-	-	2
1-Methoxypropan-2-ol	107-98-2	100	375	150	560

8.2. Exposure controls

Eye/Face Protection

Use chemical goggles. Chemical goggles shall be consistent with EN 166 or equivalent.

Skin Protection

Appropriate Personal Protection with long sleeves and long trousers.

Protective rubber apron

Protective gloves resistant to chemical agents in accordance with standard EN 374.

Respiratory Protection

Acid gas filter mask or self-contained breathing apparatus when there is a potential to exceed the exposure limit requirements

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Clear, colourless liquid
(b) Odour:	Slight, detergent
(c) Odour threshold;	No data available
(d) pH:	13-14
(e) Melting point/freezing point;	No data available
(f) Initial boiling point and boiling range;	No data available
(g) Flash point;	No data available
(h) Evaporation rate;	No data available
(i) Flammability (solid, gas);	No data available
(j) Upper/lower flammability or explosive limits;	No data available
(k) Vapour pressure;	No data available
(l) Vapour density;	No data available
(m) Relative density;	1.02
(n) Solubility(ies);	No data available
(o) Partition coefficient: n-octanol/water;	No data available
(p) Auto-ignition temperature;	No data available
(q) Decomposition temperature;	No data available
(r) Viscosity;	No data available
(s) Explosive properties;	No data available
(t) Oxidising properties.	No data available

9.2 Other information

No data available



Section 10. Stability and Reactivity.

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Active ingredient decomposes at elevated temperatures.

10.5. Incompatible materials

Keep away from: Strong oxidising agents, strong bases

10.6. Hazardous decomposition products

Decomposition products depend upon temperature, air supply and the presence of other materials.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

Mixture:

No toxicological data available for the mixture.

Skin corrosion/skin irritation:

Causes skin irritation.

Serious damage to eyes/eye irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

Not determined.



Section 12. Ecological Information.

12.1. Toxicity :

Component	Test	Type	Value
Nirtilotriacetate, trisodium salt	Fish	96H LC*50	>100mg/l
Alcohols C9-11, ethoxylated 5EO	Fish	96H LC50	5-7mg/l
Alcohols C9-11, ethoxylated 5EO	Daphnia	48H EC**50	5.1mg/l
Alcohols C9-11, ethoxylated 5EO	Algae	72H EC50	1.4 – 47mg/l
Tetrapotassium Pyrophosphate	Fish	96H LC50	>100mg/l
Tetrapotassium Pyrophosphate	Daphnia	48H EC50	>100mg/l
Tetrapotassium Pyrophosphate	Algae	72H EC50	>100mg/l
Sodium Xylenesuphonate	Fish	96H LC50	>1,000mg/l
Sodium Xylenesuphonate	Daphnia	48H EC50	>1,020mg/l
Sodium Xylenesuphonate	Algae	72H EC50	230mg/l
1-methoxy-2-propanol	Fish	96H LC50	>4,600mg/l
1-methoxy-2-propanol	Daphnia	48H EC50	23,300mg/l
1-methoxy-2-propanol	Algae	72H EC50	>1,000mg/l

*LC = Lethal Concentration

**EC= Effective Concentration

12.2. Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No know significant effects or critical hazards

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Dispose of in accordance with local regulations.

Section 14. Transport Information.

This product does not require a classification for transport.

Section 15. Regulatory Information.

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

No Data Available

15.2. Chemical safety assessment

No Data Available



Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;
 H314 Causes severe skin burns and eye damage.
 H351 Suspected of causing cancer.
 H302 Harmful if swallowed.
 H319 Causes serious eye irritation.
 H226 Flammable liquid and vapour.
 H336 May cause drowsiness or dizziness

The above information is believed to be accurate and represents the best information currently available.
 No warranty is expressed or implied by the above information.
 We assume no liability resulting from use of the above information.
 The end user shall conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	05/03/20	First issue.

End of Safety Data Sheet.



Section 1. Product and Company Identification.

1.1 Model Number; DPF1KIT v1
1.2 Description; DPF Ultra Cleaning Kit
 A nano-catalyst protect solution.

1.3 Manufacturer;

Sealey Group.
 Kempson Way,
 Bury St. Edmunds,
 Suffolk.
 IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 17/01/2018

Section 2. Hazards Identification.

Not relevant to the Model Number identified in 1.1 with Description stated in 1.2.

Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements ¹
Acetic Acid	64-19-7	1-99%	H226 H314	H226 H314

¹For full text of Statements, see Section 16.



Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

If breathing difficulties develop, remove the person to fresh air.
Loosen close fitting clothing.
Ensure that person is warm.
Seek medical attention.

Skin Contact

Remove contaminated clothing.
Wash affected area(s) with soap and water.
Seek medical attention if chemical burn(s) appear or if symptoms persist.

Eye Contact

Irrigate eyes with water for at least 15 minutes while raising eyelid(s).
Seek medical attention.

Ingestion

Rinse mouth with water
Seek medical attention

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

None known

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

No data available

Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Carbon oxides

5.3. Advice for fire-fighters

Fire Fighters shall wear self-contained breathing apparatus and appropriate Personal Protective Equipment.



Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing, see section 8.

Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

Prevent entry into waterways, sewers, basements or confined areas

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material.

Dispose of contaminated material as waste according to section 13.

6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

Wear appropriate protective clothing, see section 8

Avoid contact with skin and eyes.

Avoid inhalation of vapour or mist.

Remove and wash contaminated clothes before re-use.

7.2. Conditions for safe storage, including any incompatibilities

Store substance in a tight, dry and well-ventilated place.

7.3. Specific end use(s)

Intended for use as coating treatment for a nano-catalyst protect solution for the Model Number identified in 1.1 with Description stated in 1.2.



Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m ³	ppm	mg.m ³
Acetic Acid	64-19-7	10	25	20	50

8.2. Exposure controls

Appropriate Engineering Controls

Wash hands before breaks and at the end of the workday.

Eye/Face Protection

Use chemical goggles/glasses with side shields.

Chemical goggles shall be consistent with EN 166.

Skin Protection

Appropriate Personal Protection with long sleeves and long trousers

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Respiratory Protection

Keep area well ventilated, or use a suitable respirator

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Clear, yellow liquid
(b) Odour:	Vinegar
(c) Odour threshold;	No data available
(d) pH:	3.5 – 4.5
(e) Melting point/freezing point;	0°C
(f) Initial boiling point and boiling range;	100°C
(g) Flash point;	No data available
(h) Evaporation rate;	Slow
(i) Flammability (solid, gas);	No data available
(j) Upper/lower flammability or explosive limits;	No data available
(k) Vapour pressure;	No data available
(l) Vapour density;	1.0 – 1.1 g/ml
(m) Relative density;	No data available
(n) Solubility(ies);	Soluble in all proportions
(o) Partition coefficient: n-octanol/water;	No data available
(p) Auto-ignition temperature;	No data available
(q) Decomposition temperature;	No data available
(r) Viscosity;	< 15 cps
(s) Explosive properties;	No data available
(t) Oxidising properties.	No data available

9.2 Other information

No data available



Section 10. Stability and Reactivity.

10.1. Reactivity	No data available
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No hazardous reactions expected during normal use
10.4. Conditions to avoid	Neutralization by basic materials
10.5. Incompatible materials	Strong oxidising agents, Strong reducing agents, basic materials
10.6. Hazardous decomposition products	Carbon oxides

Section 11. Toxicological Information.

No data available

Section 12. Ecological Information.

12.1. Toxicity

Toxicity				
Substances	Acetic Acid	CAS No. 64-19-7		
	Species	Method	Exposure Time	Results
Fish	Oncorhynchus mykiss	LC50	96 h	>300.82 mg/L
Crustacean	Daphnia magna	EC50	48 h	>300.82 mg/L
Algae/aquatic plants	Green algae	EC50	72 h	>300.82 mg/L
Other Organisms	Pseudomonas putida	NOEC	16 h	1150 mg/L

12.2. Persistence and degradability	No data available
12.3. Bio accumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of PBT and vPvB assessment	No data available
12.6. Other adverse effects	No data available

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Dispose of in accordance with local regulations.

Section 14. Transport Information.

This product does not require a classification for transport.



Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

15.2. Chemical safety assessment
No data available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;
H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.

The above information is believed to be accurate and represents the best information currently available.
No warranty is expressed or implied by the above information.
We assume no liability resulting from use of the above information.
The end user shall conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	06/03/2020	First issue.

End of Safety Data Sheet.