

Page 1 of 13  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revised on / Version: 11.03.2013 / 0002  
Replaces revision of / Version: 01.08.2011 / 0001  
Valid from: 11.03.2013  
PDF print date: 11.03.2013  
51042- DPF Cleaner

### Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

##### 1.1 Product identifier

### DPF Stage 1 (Cleaner)

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

###### Relevant identified uses of the substance or mixture:

Cleaner

###### Uses advised against:

No information available at present.

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

Central Solutions (GB) Ltd, Askern Industrial Estate, Moss Road, Askern, Doncaster, DN6 0DD  
Telephone +44 (0) 1302 708895, Fax +44 (0)1302 708895  
www.solxsolutions.com

E-mail address of the competent person: info@solxsolutions.com

##### 1.4 Emergency telephone

###### Emergency information services / official advisory body:

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###### Telephone number of the company in case of emergencies:

Tel.: +44 (0)1302 708895 (office hours only)

#### SECTION 2: Hazards identification

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

###### 2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Hazard class	Hazard category	Hazard statement
Skin Corr.	1A	H314-Causes severe skin burns and eye damage.

###### 2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments)

Due to the pH-level, product is classified as corrosive.

C, Corrosive, R35

##### 2.2 Label elements

###### 2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)



Danger

Hazard statement



Page 2 of 13  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

H314-Causes severe skin burns and eye damage.

### Prevention

P260-Do not breathe vapour or spray. P280-Wear protective gloves/clothing and eye/face protection.

### Response

P301+P330+P331-IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353-IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310-Immediately call a POISON CENTER or doctor/physician.

### Disposal

P501-Dispose of contents/container to hazardous or special waste collection point.

Sodium hydroxide

## 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

High pH-value can be harmful to water.

## SECTION 3: Composition/information on ingredients

### 3.1 Substance

n.a.

### 3.2 Mixture

Sodium carbonate	
Registration number (REACH)	--
Index	011-005-00-2
EINECS, ELINCS, NLP	207-838-8
CAS	CAS 497-19-8
content %	1-5
Classification according to Directive 67/548/EEC	Irritant, Xi, R36
Classification according to Regulation (EC) 1272/2008 (CLP)	Eye Irrit. 2, H319

Ethoxylated fatty alcohol	
Registration number (REACH)	--
Index	---
EINECS, ELINCS, NLP	-
CAS	CAS 68439-50-9
content %	1-5
Classification according to Directive 67/548/EEC	Harmful, Xn, R22 Irritant, Xi, R41 Dangerous for the environment, N, R50
Classification according to Regulation (EC) 1272/2008 (CLP)	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1)

Sodium dodecylbenzenesulfonate	
Registration number (REACH)	--
Index	---
EINECS, ELINCS, NLP	246-680-4
CAS	CAS 25155-30-0
content %	1-5
Classification according to Directive 67/548/EEC	Harmful, Xn, R22 Irritant, Xi, R38 Irritant, Xi, R41

GB

Page 3 of 13  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
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<b>Sodium hydroxide</b>	
<b>Registration number (REACH)</b>	--
<b>Index</b>	011-002-00-6
<b>EINECS, ELINCS, NLP</b>	215-185-5
<b>CAS</b>	CAS 1310-73-2
<b>content %</b>	0,5-<2
<b>Classification according to Directive 67/548/EEC</b>	Corrosive, C, R35
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Skin Corr. 1A, H314

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Never pour anything into the mouth of an unconscious person!  
 If the person is unconscious, place in a stable side position and consult a doctor.

#### Inhalation

Remove person from danger area.  
 Supply person with fresh air and consult doctor according to symptoms.

#### Skin contact

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.  
 Cauterizations not treated lead to wounds difficult to heal.

#### Eye contact

Remove contact lenses.  
 Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.  
 Protect uninjured eye.  
 Follow-up examination by an ophthalmologist

#### Ingestion

Rinse the mouth thoroughly with water.  
 Do not induce vomiting - give copious water to drink. Consult doctor immediately.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur:

Corrosive burns on skin as well as mucous membrane possible.

Necrosis

Risk of serious damage to eyes.

Corneal damage.

Danger of blindness

Ingestion:

Pain in the mouth and throat

Gastrointestinal disturbances

Oesophageal perforation

Gastric perforation

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

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

There should be an eyewash station and safety shower located near the area of use.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Adapt to the nature and extent of fire.  
 Water jet spray/foam/CO2/dry extinguisher

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revised on / Version: 11.03.2013 / 0002  
Replaces revision of / Version: 01.08.2011 / 0001  
Valid from: 11.03.2013  
PDF print date: 11.03.2013  
51042- DPF Cleaner

### Unsuitable extinguishing media

High volume water jet

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

In case of fire the following can develop:

Oxides of carbon  
Oxides of sulphur  
Toxic gases

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary

Dispose of contaminated extinction water according to official regulations.

## SECTION 6: Accidental release measures

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

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping

### 6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

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

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

Neutralising is possible (only from a specialist).

Diluting with water is possible.

Flush residue using copious water.

### 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

## SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### 7.1 Precautions for safe handling

#### 7.1.1 General recommendations

Ensure good ventilation.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

#### 7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

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

Keep out of access to unauthorised individuals.

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Do not store with acids.

Do not use alkali sensitive materials.

Alkali-resistant floor necessary.

Page 5 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

### 7.3 Specific end use(s)

No information available at present.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Chemical Name	Sodium hydroxide	Content %:0,5- <2
WEL-TWA: ---	WEL-STEL: 2 mg/m3	---
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

Sodium carbonate						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Workers / employees	Human - inhalation	Long term, local effects	DNEL	10	mg/m3	

Sodium hydroxide						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Workers / employees	Human - inhalation	Long term, local effects	DNEL	1	mg/m3	
Consumer	Human - inhalation	Long term, local effects	DNEL	1	mg/m3	

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

#### 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

If applicable

Face protection (EN 166)

Skin protection - Hand protection:

Use alkali resistant protective gloves (EN 374).

If applicable

Rubber gloves (EN 374).

Page 6 of 13  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

Safety gloves made of butyl (EN 374)  
 Protective Neopren gloves (EN 374).  
 Protective nitrile gloves (EN 374)  
 Permeation time (penetration time) in minutes:  
 n.d.a.  
 Protective hand cream recommended.

Skin protection - Other:  
 Alkali-resistant protection clothing (EN 13034)

Respiratory protection:  
 Normally not necessary.

Thermal hazards:  
 If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.  
 In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.  
 Selection of materials derived from glove manufacturer's indications.  
 Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.  
 Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.  
 In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.  
 The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.2.3 Environmental exposure controls

No information available at present.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	According to specification
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	13
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	175 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	Not determined
Bulk density:	Not determined
Solubility(ies):	Not determined
Water solubility:	Not determined
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined

### 9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined



Page 7 of 13  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

See also Subsection 10.2 to 10.6.  
 The product has not been tested.

#### 10.2 Chemical stability

See also Subsection 10.1 to 10.6.  
 Stable with proper storage and handling.

#### 10.3 Possibility of hazardous reactions

See also Subsection 10.1 to 10.6.  
 Avoid contact with strong acids (exothermic reaction possible).  
 Avoid contact with certain metals e.g. aluminium (development of hydrogen gas possible).

#### 10.4 Conditions to avoid

See also section 7.  
 None known

#### 10.5 Incompatible materials

See also section 7.  
 Avoid contact with strong acids.  
 Avoid contact with alkali sensitive materials.

#### 10.6 Hazardous decomposition products

See also Subsection 10.1 to 10.5.  
 See also section 5.2  
 No decomposition when used as directed.

### SECTION 11: Toxicological information

Possibly more information on health effects, see Section 2.1 (classification).

#### 51042- DPF Cleaner

Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Respiratory tract irritation:						n.d.a.
Repeated dose toxicity:						n.d.a.
Symptoms:						n.d.a.
Other information:						Classification based on the pH value.

#### Sodium carbonate

Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	2800	mg/kg	Rat		

GB

Page 8 of 13  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LD50	2,3	mg/l/2h	Rat	OECD 403 (Acute Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit		Not irritant
Serious eye damage/irritation:				Rabbit		Irritant
Respiratory or skin sensitisation:						Not sensitizing
Germ cell mutagenicity (in vitro):						Negative
Symptoms:						diarrhoea, vomiting, mucous membrane irritation, nausea, lower abdominal pain
Teratogenicity:						Negative

Ethoxylated fatty alcohol						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	200-2000	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rat		
Skin corrosion/irritation:						Not irritant
Serious eye damage/irritation:						Intensively irritant
Respiratory or skin sensitisation:						Not sensitizing
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative

Sodium dodecylbenzenesulfonate						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Symptoms:						eyes, reddened, diarrhoea, vomiting, cornea opacity, dizziness, watering eyes

Sodium hydroxide						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Skin corrosion/irritation:				Rabbit		Corrosive
Serious eye damage/irritation:				Rabbit		Corrosive, Risk of serious damage to eyes.
Respiratory or skin sensitisation:				Human being	(Patch-Test)	Not sensitizing
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Germ cell mutagenicity (bacterial):					OECD 472 (Genetic Toxicology - Escherichia coli, Reverse Assay)	Negative, References
Symptoms:						breathing difficulties, coughing
Teratogenicity:						No



Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 11.03.2013 / 0002

Replaces revision of / Version: 01.08.2011 / 0001

Valid from: 11.03.2013

PDF print date: 11.03.2013

51042- DPF Cleaner

### SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

#### 51042- DPF Cleaner

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							n.d.a.
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment:							n.d.a.
Other adverse effects:							n.d.a.

#### Sodium carbonate

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	300	mg/l	Lepomis macrochirus		
Toxicity to daphnia:	EC50	96h	265	mg/l	Daphnia magna		
Persistence and degradability:							Not relevant for inorganic substances.
Bioaccumulative potential:							No bioaccumulation.
Results of PBT and vPvB assessment:							No PBT substance, No vPvB substance
Water solubility:			215	g/l			20°C

#### Ethoxylated fatty alcohol

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	<1	mg/l	Brachydanio rerio		References
Toxicity to daphnia:	EC50	48h	<1	mg/l	Daphnia magna		References
Toxicity to algae:	EC50	72h	>0,4- < 1	mg/l	Scenedesmus subspicatus	OECD 201 (Alga, Growth Inhibition Test)	
Persistence and degradability:		28d	>70	%		OECD 301 A (Ready Biodegradability - DOC Die-Away Test)	

#### Sodium hydroxide

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	125	mg/l	Gambusia affinis		
Toxicity to daphnia:	EC50	48h	40,4	mg/l	Ceriodaphnia spec.		
Persistence and degradability:							Not relevant for inorganic substances.
Bioaccumulative potential:							Negative
Toxicity to bacteria:	EC50	15min	22	mg/l	Photobacterium phosphoreum		
Water solubility:			1090-1260	g/l			20°C

### SECTION 13: Disposal considerations

Page 10 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.  
 Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 06 01 aqueous washing liquids and mother liquors

20 01 29 detergents containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

#### For contaminated packing material

Pay attention to local and national official regulations

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Recommended cleaner:

Water

## SECTION 14: Transport information

### General statements

UN number: 1760

#### Transport by road/by rail (ADR/RID)

UN proper shipping name:

UN 1760 CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE)

Transport hazard class(es):

8

Packing group:

II

Classification code:

C9

LQ (ADR 2013):

1 L

LQ (ADR 2009):

22

Environmental hazards:

Not applicable

Tunnel restriction code:

E

#### Transport by sea (IMDG-code)

UN proper shipping name:

CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE)

Transport hazard class(es):

8

Packing group:

II

EmS:

F-A, S-B

Marine Pollutant:

n.a

Environmental hazards:

Not applicable

#### Transport by air (IATA)

UN proper shipping name:

Corrosive liquid, n.o.s. (SODIUM HYDROXIDE)

Transport hazard class(es):

8

Packing group:

II

Environmental hazards:

Not applicable

### Special precautions for user

Persons employed in transporting dangerous goods must be trained.

All persons involved in transporting must observe safety regulations.

Precautions must be taken to prevent damage.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Freighted as packaged goods rather than in bulk, therefore not applicable.

Minimum amount regulations have not been taken into account.

Danger code and packing code on request.

## SECTION 15: Regulatory information

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 11.03.2013 / 0002  
 Replaces revision of / Version: 01.08.2011 / 0001  
 Valid from: 11.03.2013  
 PDF print date: 11.03.2013  
 51042- DPF Cleaner

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

For classification and labelling see Section 2.

Observe restrictions: Yes

Comply with trade association/occupational health regulations.

Observe youth employment law (German regulation).

VOC (1999/13/EC): 0,6%

### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## SECTION 16: Other information

These details refer to the product as it is delivered.

Revised sections: 3, 8, 11, 12, 14, 15

### Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Skin Corr. 1A, H314	Classification based on the pH value.

The following phrases represent the posted R phrases / H phrases, Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

22 Harmful if swallowed.

35 Causes severe burns.

36 Irritating to eyes.

38 Irritating to skin.

41 Risk of serious damage to eyes.

50 Very toxic to aquatic organisms.

H314 Causes severe skin burns and eye damage.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

Skin Corr. — Skin corrosion

Eye Irrit. — Eye irritation

Acute Tox. — Acute toxicity - oral

Eye Dam. — Serious eye damage

Aquatic Acute — Hazardous to the aquatic environment - acute

Skin Irrit. — Skin irritation

### Any abbreviations and acronyms used in this document:

AC Article Categories

acc., acc. to according, according to

ACGIH American Conference of Governmental Industrial Hygienists

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOEL Acceptable Operator Exposure Level

AOX Adsorbable organic halogen compounds

approx. approximately

Art., Art. no. Article number

ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)



Page 12 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 11.03.2013 / 0002

Replaces revision of / Version: 01.08.2011 / 0001

Valid from: 11.03.2013

PDF print date: 11.03.2013

51042- DPF Cleaner

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)  
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)  
BCF Bioconcentration factor  
BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)  
BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)  
BMGV Biological monitoring guidance value (EH40, UK)  
BOD Biochemical oxygen demand  
BSEF Bromine Science and Environmental Forum  
bw body weight  
CAS Chemical Abstracts Service  
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques  
CIPAC Collaborative International Pesticides Analytical Council  
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)  
CMR carcinogenic, mutagenic, reproductive toxic  
COD Chemical oxygen demand  
CTFA Cosmetic, Toiletry, and Fragrance Association  
DMEL Derived Minimum Effect Level  
DNEL Derived No Effect Level  
DOC Dissolved organic carbon  
DT50 Dwell Time - 50% reduction of start concentration  
DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)  
dw dry weight  
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance  
EC European Community  
ECHA European Chemicals Agency  
EEA European Economic Area  
EEC European Economic Community  
EINECS European Inventory of Existing Commercial Chemical Substances  
ELINCS European List of Notified Chemical Substances  
EN European Norms  
EPA United States Environmental Protection Agency (United States of America)  
ERC Environmental Release Categories  
ES Exposure scenario  
etc. et cetera  
EU European Union  
EWC European Waste Catalogue  
Fax. Fax number  
gen. general  
GHS Globally Harmonized System of Classification and Labelling of Chemicals  
GWP Global warming potential  
HET-CAM Hen's Egg Test - Chorionallantoic Membrane  
HGWP Halocarbon Global Warming Potential  
IARC International Agency for Research on Cancer  
IATA International Air Transport Association  
IBC Intermediate Bulk Container  
IBC (Code) International Bulk Chemical (Code)  
IC Inhibitory concentration  
IMDG-code International Maritime Code for Dangerous Goods  
incl. including, inclusive  
IUCLID International Uniform Chemical Information Database  
LC lethal concentration  
LC50 lethal concentration 50 percent kill  
LCLo lowest published lethal concentration  
LD Lethal Dose of a chemical  
LD50 Lethal Dose, 50% kill  
LDLo Lethal Dose Low  
LOAEL Lowest Observed Adverse Effect Level  
LOEC Lowest Observed Effect Concentration  
LOEL Lowest Observed Effect Level  
LQ Limited Quantities  
MARPOL International Convention for the Prevention of Marine Pollution from Ships

Page 13 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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51042- DPF Cleaner

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

NIOSH National Institute of Occupational Safety and Health (United States of America)

NOAEC No Observed Adverse Effective Concentration

NOAEL No Observed Adverse Effect Level

NOEC No Observed Effect Concentration

NOEL No Observed Effect Level

ODP Ozone Depletion Potential

OECD Organisation for Economic Co-operation and Development

org. organic

PAH polycyclic aromatic hydrocarbon

PBT persistent, bioaccumulative and toxic

PC Chemical product category

PE Polyethylene

PNEC Predicted No Effect Concentration

POCP Photochemical ozone creation potential

ppm parts per million

PROC Process category

PTFE Polytetrafluorethylene

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SADT Self-Accelerating Decomposition Temperature

SAR Structure Activity Relationship

SU Sector of use

SVHC Substances of Very High Concern

Tel. Telephone

ThOD Theoretical oxygen demand

TOC Total organic carbon

TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)

VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).

WHO World Health Organization

wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.