

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : 9994 DPF Cleaner
Revision date : 09.02.2015
Print date : 09.02.2015

Version (Revision) : 4.0.0 (3.0.1)

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

1.1 Product identifier

9994 DPF Cleaner

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

Relevant identified uses

additive for mineral oil products

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

SCT Vertriebs GmbH

Street : Feldstr. 154

Postal code/city : 22880 Wedel

Information contact : email: info@sct-germany.de , a.till@sct-germany.de

1.4 Emergency telephone number

Tel.: +49 (0) 4103-1211-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. · Harmful: may cause lung damage if swallowed.

N ; R 51/53 · Xn ; R 65 · R 67 · R 66

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

Aquatic Chronic 2 ; H411 - Hazardous to the aquatic environment : Category 2 ; Toxic to aquatic life with long lasting effects.

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Hazard symbols and hazard statements of dangerous substances and preparations



Xn ; Harmful



N ; Dangerous for the environment

R-phrases

51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
67	Vapours may cause drowsiness and dizziness.
66	Repeated exposure may cause skin dryness or cracking.

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S-phrases

- 29/35 Do not empty into drains; dispose of this material and its container in a safe way.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.
24 Avoid contact with skin.

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

Hazard pictograms



Health hazard (GHS08) · Environment (GHS09) · Exclamation mark (GHS07)

Signal word

Danger

Hazard components for labelling

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. ; CAS No. : 64742-94-5

Hazard statements

- H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P310 Immediately call a POISON CENTER or doctor/ physician.
P321 Specific treatment see on this label.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Supplemental Hazard information (EU)

- EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. ; REACH registration No. : 01-2119463583-34-XXXX ; EC No. : 918-811-1; CAS No. : 64742-94-5

- Weight fraction : $\geq 25\%$
Classification 67/548/EEC : N ; R51/53 Xn ; R65 R67 R66
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304 STOT SE 3 ; H336 Aquatic Chronic 2 ; H411

1,2,4-TRIMETHYLBENZENE ; REACH registration No. : 01-2119472135-42-XXXX ; EC No. : 202-436-9; CAS No. : 95-63-6

- Weight fraction : $\geq 10\%$
Classification 67/548/EEC : R10 N ; R51/53 Xn ; R20 Xi ; R36/37/38
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

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STOT SE 3 ; H335 Aquatic Chronic 2 ; H411
FERROCENE ; EC No. : 203-039-3; CAS No. : 102-54-5
Weight fraction : $\geq 1 \%$
Classification 67/548/EEC : Xn ; R21/22
Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H312
MESITYLENE ; REACH registration No. : 01-2119463878-19-0000 ; EC No. : 203-604-4; CAS No. : 108-67-8
Weight fraction : $\geq 1 \%$
Classification 67/548/EEC : R10 N ; R51/53 Xi ; R37
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H335 Aquatic Chronic 2 ; H411
NAPHTHALENE ; REACH registration No. : 01-2119561346-37-XXXX ; EC No. : 202-049-5; CAS No. : 91-20-3
Weight fraction : $\geq 0,25 - < 1 \%$
Classification 67/548/EEC : N ; R50/53 Carc. Cat.3 ; R40 Xn ; R22
Classification 1272/2008 [CLP] : Carc. 2 ; H351 Acute Tox. 4 ; H302 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Observe risk of aspiration if vomiting occurs.

Following inhalation

Provide fresh air. Remove victim out of the danger area.

In case of skin contact

Wash immediately with: Soap Immediately remove all contaminated clothing.

After eye contact

Flush with plenty of water (10 - 15 min.). Call a physician. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Keep at rest. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Frequently or prolonged contact with skin may cause dermal irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂) Sand Foam Dry extinguishing powder Water spray jet

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Carbon dioxide (CO₂) Carbon monoxide. Nitrogen oxides (NO_x) Pyrolysis products, toxic

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5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

Special protective equipment for firefighters

Burning produces heavy smoke.

5.4 Additional information

Move undamaged containers from immediate hazard area if it can be done safely. Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals. Keep away from ignition sources on account of the organic solvent content and air room well. Do not inhale vapours.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Take up with a liquid absorbing material and proceed according to the waste disposal regulations.

6.3 Methods and material for containment and cleaning up

Remove mechanically, take-up residues with absorbing material.

For cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Other information

Clear spills immediately.

6.4 Reference to other sections

None

SECTION 7: Handling and storage



7.1 Precautions for safe handling

Take the precautions customary when handling chemicals. Only use the material in places where open light, fire and other flammable sources can be kept away.

Protective measures

Avoid: Inhalation of vapours or spray/mists Skin contact Eye contact Wear personal protection equipment (refer to section 8). Use only in well-ventilated areas.

Measures to prevent fire

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

Measures to prevent aerosol and dust generation

Ensure adequate ventilation of the storage area.

Environmental precautions

See section 8.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place. Avoid heating over 50°C. Ensure adequate ventilation of

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the storage area. Restrict access to stockrooms.

Hints on joint storage

Storage class : 10

Storage class (TRGS 510) : 10

Keep away from

Strong acid Strong alkali Oxidising agent

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

Protect against : Heat. UV-radiation/sunlight

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. ; CAS No. : 64742-94-5

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 100 mg/m³

Version :

1,2,4-TRIMETHYLBENZENE ; CAS No. : 95-63-6

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 20 ppm / 100 mg/m³

Peak limitation : 2(II)

Remark : Y

Version : 02.04.2014

Limit value type (country of origin) : TWA (EC)

Limit value : 20 ppm / 100 mg/m³

Version : 08.06.2000

MESITYLENE ; CAS No. : 108-67-8

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 20 ppm / 100 mg/m³

Peak limitation : 2(II)

Remark : Y

Version : 02.04.2014

Limit value type (country of origin) : TWA (EC)

Limit value : 20 ppm / 100 mg/m³

Version : 08.06.2000

NAPHTHALENE ; CAS No. : 91-20-3

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 0,1 ppm / 0,5 mg/m³

Peak limitation : 1(I)

Remark : H, Y

Version : 02.04.2014

Limit value type (country of origin) : TWA (EC)

Limit value : 10 ppm / 50 mg/m³

Version : 29.05.1991

Recommended monitoring procedures

Method : Test tube

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8.2 Exposure controls

Personal protection equipment

None, but avoid breathing vapours if possible. If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Eye/face protection

Eye glasses with side protection

Suitable eye protection

Use safety glasses.

Required properties

DIN EN 166

Remark

Take the precautions customary when handling chemicals.

Skin protection

Solvent-resistant protective gloves must be worn. Gloves, for example PVC at least 0,8 mm thick. See protective gloves instruction sheet.

Hand protection

Suitable gloves type : Disposable gloves.

Suitable material : PVC (Polyvinyl chloride)

Unsuitable material : Thick fabric

Recommended glove articles : DIN EN 374

Additional hand protection measures : Do not wear gloves near rotary machines and tools. Use gloves only once. Wear cotton undermitten if possible. Take recovery periods for skin regeneration.

Body protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Suitable protective clothing : Overall

Recommended material : Natural fibres (e.g. cotton)

Remark : Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values

Remark

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General health and safety measures

Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

Occupational exposure controls

Technical measures to prevent exposure

See section 7. No additional measures necessary.

Environmental exposure controls

Technical measures to prevent exposure

See section 7. No additional measures necessary.

8.3 Additional information

Preventive industrial medical examinations are to be offered.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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Appearance

Physical state : liquid

Colour : light brown

Odour

like: Mineral oil.

Safety relevant basis data

Initial boiling point and boiling range :	(1013 hPa)	>	160 °C	
Flash point :		>	61 °C	Brookfield
Vapour pressure :	(50 °C)	<	100 hPa	
Density :	(20 °C)	ca.	1 g/cm ³	
Viscosity :	(20 °C)	<	10 mPa.s	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

None, if handled according to order.

10.2 Chemical stability

None, if handled according to order.

10.3 Possibility of hazardous reactions

None, if handled according to order.

10.4 Conditions to avoid

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials

Reaction with oxidizing agents possible.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No information available.

11.5 Additional information

Inhalation/eye contact: in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

The product is difficult to biologically degrade. May be separated mechanically in purification plants.

12.3 Bioaccumulative potential

May accumulate in organisms.

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12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

Do not empty into waters or drains.

Additional information

Product may not be released into water without pre-treatment (biological sewage plant).

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code product List of proposed waste codes/waste designations in accordance with AVV

Waste treatment options

Appropriate disposal / Product

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

SECTION 14: Transport information

14.1 UN number

UN 3082

14.2 UN proper shipping name

Land transport (ADR/RID)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. · 1,2,4-TRIMETHYLBENZENE)

Sea transport (IMDG)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. · 1,2,4-TRIMETHYLBENZENE · NAPHTHALENE)

Air transport (ICAO-TI / IATA-DGR)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. · 1,2,4-TRIMETHYLBENZENE)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 9

Classification code : M6

Hazard identification number (Kemler

No.) : 90

Tunnel restriction code : E

Special provisions : LQ 7 · E 1

Hazard label(s) : 9 / N

Sea transport (IMDG)

Class(es) : 9

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EmS-No. : F-A / S-F
Special provisions : LQ 5 I · E 1
Hazard label(s) : 9 / N
Air transport (ICAO-TI / IATA-DGR)
Class(es) : 9
Special provisions : E 1
Hazard label(s) : 9 / N

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : Yes
Sea transport (IMDG) : Yes (P)
Air transport (ICAO-TI / IATA-DGR) : Yes

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : 5 - 10 %

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

No flammable liquid according to BetrSichV.

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Relevant R-, H- and EUH-phrases (Number and full text)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H302+H312	Harmful if swallowed or in contact with skin.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

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H351	Suspected of causing cancer.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
R10	Flammable.
R20	Harmful by inhalation.
R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R40	Limited evidence of a carcinogenic effect.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

16.5 Training advice

None

16.6 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
