



Section 1. Product and Company Identification.

1.1 Model Number;

FSCD300 v1

1.2 Description;

Fuel System Cleaner 300ml - Diesel Engines

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; 15/12/2015

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics

Xylene

Benzenesulfonic acid, mono-C20-24- alkyl derivs., calcium salts

Toluene

2.2 Label elements.

Hazard pictogram(s)



Signal Word.

Danger

Hazard statements;

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements;

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P260 Do not breathe vapour/aerosol.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

P405 Store locked up.

P501 Dispose of this material and its container to hazardous or special waste collection point.

2.3 Other hazards.

No data available.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements ¹
Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics	64742-48-9	60 - < 80 %	Carc. 1B Muta. 1B Asp. Tox. 1	H350 H340 H304
Xylene	1330-20-7	10 - < 15 %	Flam. Liq. 3 Acute Tox. 4 * Acute Tox. 4 * Skin Irrit. 2	H226 H332 H312 H315
Benzenesulfonic acid, mono-C20-24- alkyl derivs., calcium salts	70024-69-0	5 - < 10 %	-	-
Toluene	108-88-3	1 - < 5 %	Flam. Liq. 2 Repr. 2 Asp. Tox. 1 STOT SE 3 STOT RE 2 Skin Irrit. 2	H225 H361 dermal H304 H336 H373 H315

¹For full text of Phrases and Statements, see Section 16.



Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Move casualty to fresh air and keep at rest.

Skin Contact

Remove contaminated clothing and wash skin with soap and water.

Eye Contact

Flush eyes with water for at least 15 minutes while lifting the eye lids.

Ingestion

Get medical attention immediately.

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

Frequent or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

Harmful if inhaled.

Harmful if swallowed

May be fatal if swallowed and enters airways.

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

No information available.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Powder, Sand, Alcohol Resistant Foam, Carbon Dioxide (CO₂)

5.2. Special hazards arising from the substance or mixture

Do not breathe fumes

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus.

Cool containers that are near fire if safe to do so.

Collect contaminated fire-fighting water. See Section 6.2.



Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Wear self-contained breathing apparatus and chemical resistant suit.
Remove all sources of ignition.
No smoking.

6.2. Environmental precautions

Prevent entry to drains sewers and watercourses.
Reduce gas / mist / vapours with water spray.

6.3. Methods and material for containment and cleaning up

Absorb with sand or earth.

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

Ensure adequate ventilation.
Do not breathe vapour/aerosol.
Keep out of reach of children.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid release to the environment.
Wear protective gloves and eye/face protection.
Keep out of reach of children.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not breathe vapour/aerosol.
Avoid release to the environment.
Wear protective gloves and eye/face protection.
Store locked up.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up.
Keep contained tightly closed.
Store in a cool and well-ventilated area.

7.3. Specific end use(s)

Intended for use as a Fuel System 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
xylene	1330-20-7	50	220	100	441
toluene	108-88-3	50	191	100	384

Do not eat, drink or smoke.

Wash hands before breaks and after work periods.

Prevent contact with eyes and skin.

Keep out of reach of children.

Do not breathe vapour/aerosol.

Do not eat, drink or smoke when using this product.

8.2. Exposure controls

Appropriate Engineering Controls

Do not breathe vapour/aerosol.

Ensure adequate ventilation.

Ensure air extraction at point of use.

Eye/Face Protection

Tightly safety goggles to prevent splashes from entering eyes. EN 166.

Skin Protection

Use solvent-proof protective clothing. EN 14605

Chemical resistant gloves. EN 374

Respiratory Protection

Ensure adequate ventilation.

Do not breathe vapour/aerosol.

Use chemical cartridge protection with appropriate cartridge.



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:	Liquid. Red
(b) Odour:	Aromatic.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	No data available.
(f) Initial boiling point and boiling range;	100 °C – 116 °C
(g) Flash point;	- 6.5 °C
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower explosive limits;	12.0 vol % / 0.6 vol %
(k) Vapour pressure;	20 hPa at 20 °C
(l) Vapour density;	No data available.
(m) Relative density;	No data available.
(n) Solubility(ies);	Insoluble in water.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	> 200 °C
(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 data available.
10.2. Chemical stability	No data available.
10.3. Possibility of hazardous reactions	None identified.
10.4. Conditions to avoid	Keep away from strong light and sources of ignition / open flame.
10.5. Incompatible materials	Oxidizing agents, concentrated acid, concentrated alkalis.
10.6. Hazardous decomposition products	Carbon monoxide (CO). Carbon Dioxide (CO ₂).

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No data available.



Section 12. Ecological Information.

12.1. Toxicity

CAS No:	Chemical name:	
1330-20-7	xylene	
	Acute fish toxicity	LC50 26.7 mg/l
64742-48-9	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics	
	Acute fish toxicity	LC50 >1000 mg/l
	Acute algae toxicity	ErC50 >1000 mg/l
	Acute crustacea toxicity	EC50 1000 mg/l

12.2. Persistence and degradability No data available.

12.3. Bioaccumulative potential Floats on water.

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 authority regulations.

**Section 14. Transport Information.**ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 1993
14.2. Name and Description	Flammable liquid nos Xylene / toluene
14.3. Transport hazard class(es)	3
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

IATA. International Air Transport Association.

14.1. UN number	UN 1993
14.2. UN Proper Shipping Name/Description	Flammable liquid nos Xylene / toluene
14.3. Transport hazard class(es)	3
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 1993
14.2. UN proper shipping name	Flammable liquid nos Xylene / toluene
14.3. Transport hazard class(es)	3
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.
14.7. Transport in bulk – Maritime only.	Bulk transport is not applicable to this product



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;

- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H340 May cause genetic defects.
- H350 May cause cancer.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure

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 should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	15/03/19	First issue.

End of Safety Data Sheet.