## Section 1. Product and Company Identification.

**1.1 Model Number;** CCOS300 v1

**1.2 Description;** Oxygen Sensor - Catalytic Converter Cleaner 300ml

**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;** 09/05/2019

## Section 2. Hazards Identification.

**2.1** Classification of the substance or mixture.

Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics, 2-ethyl-hexanol, Benzyl alcohol

**2.2** Label elements.

**Hazard pictogram(s)**

**Signal Word.** Danger

**Hazard statements;**

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.

**Precautionary statements;**

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe vapour/aerosol.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves and eye/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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 Volume** | **Classification** | |
|---|---|---|---|---|
| | | | **Hazard Class & Category Code** | **Hazard Statements [1]** |
| Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics | 64742-48-9 | 30 - < 35 % | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1 | H350<br>H340<br>H304 |
| 2-ethyl-hexanol | 104-76-7 | 30 - < 35 % | - | - |
| Benzyl alcohol | 100-51-6 | 30 - < 35 % | Acute Tox. 4 *<br>Acute Tox. 4 * | H332<br>H302 |

[1]For 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**

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

**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
Ensure adequate ventilation.
Remove / prevent all sources of ignition.
Do not smoke.

**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.
Ensure air extraction at point of use.
Do not breathe vapour/aerosol.
Keep out of reach of children.
Do not eat, drink or smoke when using this product.
Prevent contact with eyes and skin.
Wear protective gloves and eye/face protection.
Wash hands before breaks and after work periods.
Keep away from sources of ignition.
Prevent static discharge.

**7.2.** Conditions for safe storage, including any incompatibilities
Keep out of reach of children.
Keep contained tightly closed.
Store locked up.
Store in a cool and well-ventilated area.
Keep away from sources of ignition.

**7.3.** Specific end use(s)
Intended for use as an Oxygen Sensor, 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 | $mg.m^3$ |
| 2-ethyl-hexanol | 104-76-7 | 1 | 5.4 | - | - |

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. Clear. Colourless. |
| (b) Odour: | No data available. |
| (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; | No data available. |
| (g) Flash point; | ≈ 70 °C |
| (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) Density; | 0.88 g/cm$^3$ at 20°C |
| (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; | No data available. |
| (q) Decomposition temperature; | No data available. |
| (r) Viscosity; | ≈ 1.5 mm$^2$/s |
| (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 decomposition when used correctly. |
| **10.3.** Possibility of hazardous reactions | None identified. |
| **10.4.** Conditions to avoid | Keep away from strong light and sources is ignition / open flame. |
| **10.5.** Incompatible materials | Oxidizing agents, concentrated acid, concentrated alkalis. |
| **10.6.** Hazardous decomposition products | Carbon monoxide (CO). Carbon Dioxide (CO2) Aldehydes. |

## Section 11. Toxicological Information.

**11.1.** Information on toxicological effects

No data available.

## Section 12. Ecological Information.

12.1. Toxicity

| CAS No: | Chemical name: | |
|---|---|---|
| 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 |
| 104-76-7 | 2-ethyl-hexanol | |
| | Acute fish toxicity | LC50 17.1 mg/l |
| | Acute algae toxicity | ErC50 11.5 mg/l |
| | Acute crustacea toxicity | EC50 39 mg/l |
| 100-51-6 | Benzyl alcohol | |
| | Acute fish toxicity | LC50 460 mg/l |
| | Acute algae toxicity | ErC50 640 mg/l |
| | Acute crustacea toxicity | EC50 400 mg/l |

12.2. Persistence and degradability — Surfactants fully biodegradable.
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 data available.

## Section 13. Disposal Considerations.

**13.1.** Waste treatment methods

Dispose of in accordance with local authority regulations.

## Section 14. Transport Information.

Not regulated 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;

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H332 Harmful if inhaled.
H340 May cause genetic defects.
H350 May cause cancer.

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.