


Date of issue: 07.02.2018 Replaces Data Sheet of: 23.10.2015  
 "\*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



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

- 1.1 **Product identifier**  
**Trade Name:** Smoke Oil  
**Article No.:** 180688  
**Preparation No.:** n.av.  
**Registration No.:** n.av.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
 Identified uses: Scale model purpose
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**  
 Gebr. FALLER GmbH, Kreuzstraße 9, D - 78148 Gütenbach  
 Telephone: +49-7723-651-0, Telefax: +49-7723-651-161, E-Mail: kundendienst@faller.de
- 1.3.2 **Responsible for the data sheet:**  
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**  
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning  
 Telephone: +49-7723-651-0 (8:30 – 16:30) Telephone: +44 870 600 6266

**SECTION 2: Hazards identification**

- 2.1 **Classification of the substance or mixture**  
 Asp. Tox. 1; H304
- 2.2 **Label elements**  
 Classification according to 1272/2008/EC: Yes.  
 Applicable Exemptions:  
 Signal word(s): Danger  
 Component(s): 90622-58-5 Naphta  
 Hazard pictogram(s): 
- H - Phrases:**  
 H304: May be fatal if swallowed and enters airways.
- P - Phrases:**  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor/...  
 P331: Do NOT induce vomiting.  
 P405: Store locked up.  
 P501: Dispose of contents/container to household waste special waste collection point.
- Additional Markings:  
 EUH066: Repeated exposure may cause skin dryness or cracking. Attach tactile warning of danger and child resistant cap.
- The above mentioned labelling is valid for distribution to private consumer.
- 2.3 **Other hazards**  
 May cause skin and eye irritation. raising overall contamination. hydrocarbons Materials should be tested for resistance. According to the results of the evaluation this substance is not PBT or vPvB

**SECTION 3: Composition/information on ingredients**

- 3.1 **Substances**  
**Dangerous Ingredients:**

| Material   | Index - No. | EC - No.  | REACH - No. | m% - range |
|--|-------------|-----------|-------------|------------|
| CAS - No.<br>Hazard Code(s) / H - phrases                    |             |           |             |            |
| <b>C11-15 Isoparaffin</b><br>90622-58-5<br>Asp. Tox. 1; H304 | n.av.       | 292-460-6 | n.av.       | > 99%      |
|  |             |           |             |            |
- 3.2 **Mixtures**  
 n.ap.

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**SECTION 4: First aid measures****4.1 Description of first aid measures****4.1.1 Inhalation:**

Remove from danger area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.

**4.1.2 Skin Contact:**

In case of contact with skin wash off immediately with water. In the event of symptoms occurring, seek medical treatment.

**4.1.3 Eye Contact:**

Flush eyes out immediately with large amounts of water with eye lids lifted. In the event of symptoms occurring, seek medical treatment.

**4.1.4 Ingestion:**

Do not cause vomiting. Rinse mouth out and drink plenty of water afterwards. Summon a doctor immediately.

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

n.av.

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

Danger of aspiration when vomiting or irrigating stomach. Symptomatic treatment. Continue to monitor for pneumonia and pulmonary oedema.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**

Foam, dry chemicals, CO<sub>2</sub>. water spray jet

**5.1.2 Extinguishing Media to Avoid:**

Full water jet.

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

In the case of fire, the following product(s) may form: Organic crackproducts and carbon oxides., inorganic dust

**5.3 Advice for firefighters****5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

**5.3.2 Additional Information:**

None.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

See chapter 8.2.2

Provide sufficient ventilation. Keep away from sources of ignition.

**6.2 Environmental precautions**

Do not allow larger quantities to enter drainage. Inform responsible authorities in the case of accidental release of larger quantities.

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

Dispose of absorbed material in accordance with the regulations.

**6.4 Reference to other sections**

None.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****7.1.1 Precautions for Safe Handling:**

Avoid contact with eyes and skin. Take off contaminated, saturated clothing immediately. Do not inhale dust, gas, vapours, fire -fumes. Do not eat, drink or smoke during work.

**7.1.2 Precautions in Case of Fire and Explosion:**

Keep away from sources of ignition, do not smoke. Ignitable mixtures can form in the empty container.

**7.2 Conditions for safe storage, including any incompatibilities****7.2.1 Storage Instructions:**

Provide solvent resistant and tight floor. Provide sufficient ventilation.

**7.2.2 Store away from:**

Store away from oxidising agents.

**7.2.3 Further Information on Storage Conditions:**

No special measures required.

**7.3 Specific end use(s)**

n.av.

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**SECTION 8: Exposure controls/personal protection**

|        |   |   |
|--------|---|---|
| 8.1    | <b>Control parameters</b>   |   |
|        | <b>Material</b>   | <b>Limit Value</b>  |
|        |   |   |
| 8.2    | <b>Exposure controls</b>  |   |
| 8.2.1  | <b>Appropriate engineering controls</b>   |   |
|        | Keep container tightly closed. Close container straight after use or if empty. Application only when sufficient ventilated. |   |
| 8.2.2  | <b>Individual protection measures</b>   |   |
| 8.2.2a | <b>Respiratory Protection:</b>  | If ventilation is insufficient, wear respiratory protection Filter A  |
| 8.2.2b | <b>Hand Protection:</b>   | Gloves (solvent-resistant); Butyl, Permeationszeit > 480 min.<br>Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. |
| 8.2.2c | <b>Eye Protection:</b>  | tightly fitting goggles   |
| 8.2.2d | <b>Skin Protection:</b>   | Light protective clothing   |
| 8.2.2e | <b>Further Information:</b>   | Observe wearing time limits:  |
| 8.2.3  | <b>Environmental exposure controls:</b>   | n.av.   |

**SECTION 9: Physical and chemical properties**

|        |  |  |                                    |
|--------|--|--|------------------------------------|
| 9.1    | <b>Information on basic physical and chemical properties</b> |  |                                    |
| 9.1.1  | <b>Form:</b> liquid  | <b>Colour:</b> colourless                  | <b>Odour:</b> characteristic       |
|        |  |  | <b>Odour threshold:</b> n.av.      |
| 9.1.2  | pH-value, undiluted:   | n.ap.                                      |                                    |
|        | pH-value, 1% aqueous solution:                               | n.ap.                                      |                                    |
| 9.1.3  | Boiling point / Boiling - range (°C):                        | > 100, Melting point / Melting range (°C): | n.ap.                              |
| 9.1.4  | Flash point (°C):  | > 61, closed cup                           |                                    |
| 9.1.5  | Flammability (EEC A10/A13):                                  | n.av.                                      |                                    |
| 9.1.6  | Ignition temperature (°C):                                   | n.av.                                      |                                    |
| 9.1.7  | Autoflammability (EEC A16):                                  | n.av.                                      |                                    |
| 9.1.8  | Oxidising properties:  | None.                                      |                                    |
| 9.1.9  | Explosion hazard:  | None.                                      |                                    |
| 9.1.10 | Explosion limits (Vol.%) lower:                              | n.av., upper: n.av.                        |                                    |
| 9.1.11 | Vapour pressure:   | n.av.                                      |                                    |
|        | Vapour density (Air = 1):                                    | Vapours are heavier than air.              |                                    |
| 9.1.12 | Density (g/ml):  | < 1  |                                    |
| 9.1.13 | Solubility (in Water):                                       | immiscible                                 | Soluble in: most organic solvents. |
| 9.1.14 | Partition coefficient, n-Octanol / Water:                    | n.av.                                      |                                    |
| 9.1.15 | Viscosity:   | Outflow time: < 30 s (3mm - ISO 2431)      |                                    |
| 9.1.16 | Solvent content (m %):                                       | > 70%                                      |                                    |
| 9.1.17 | Thermal decomposition (°C):                                  | n.av.                                      |                                    |
| 9.1.18 | Evaporation rate:  | n.av.                                      |                                    |
| 9.2    | <b>Other information</b>                                     |  |                                    |
|        | n.av.  |  |                                    |

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**SECTION 10: Stability and reactivity**

- 10.1 **Reactivity**  
None.
- 10.2 **Chemical stability**  
Stable at normal temperature.
- 10.3 **Possibility of hazardous reactions**  
No hazardous reactions known.
- 10.4 **Conditions to avoid**  
No special measures required.
- 10.5 **Incompatible materials**  
Reactions with strong oxidising agents.
- 10.6 **Hazardous decomposition products**  
No dangerous decomposition products when properly handled.

**SECTION 11: Toxicological information**

- 11.1 **Information on toxicological effects**  
Acute Health Effects:
- |                                    |  |
|------------------------------------|--|
| Inhalation:                        | n.av.  |
| Ingestion:                         | n.av.  |
| Skin Contact:                      | n.av.  |
| Skin corrosion / irritation:       | May cause skin irritation in susceptible persons.  |
| Serious eye damage / irritation:   | May cause eye irritation with susceptible persons. |
| Respiratory or skin sensitisation: | n.av.  |
| Germ cell mutagenicity:            | n.av.  |
| Carcinogenicity:                   | n.av.  |
| Reproductive toxicity:             | n.av.  |
| STOT-single exposure:              | n.av.  |
| STOT-repeated exposure:            | n.av.  |
| Aspiration hazard:                 | May be fatal if swallowed and enters airways.      |
- 11.1.1 – **Practical Experience**
- 11.1.11 n.av.
- 11.1.12 **Practical Experience**  
Observations relevant for classification:  
n.av.  
Further Observations:  
n.av.

**SECTION 12: Ecological information**

- 12.1 **Toxicity**  
n.av.
- 12.2 **Persistence and degradability**  
There are indications for biodegradability.
- 12.3 **Bioaccumulative potential**  
n.av.
- 12.4 **Mobility in soil**  
n.av.
- 12.5 **Results of PBT and vPvB assessment**  
According to the results of the evaluation this substance is not PBT or vPvB
- 12.6 **Other adverse effects**
- |                                |       |
|--------------------------------|-------|
| 12.6.1 COD-Value, mg/g:        | n.av. |
| 12.6.2 BOD5-Value, mg/g:       | n.av. |
| 12.6.3 AOX-Remarks:            | n.av. |
| 12.6.4 Significant Components: | None. |
| 12.6.5 Other adverse effects:  | None. |

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 08 01 11

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

**13.1.2 Contaminated Packaging**

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product

Safe Handling: As described under Residues. Observe the usual precautionary measures for handling chemicals.

**SECTION 14: Transport information**

|   | <b>ADR</b><br>No dangerous goods according to ADR                   | <b>IMDG</b><br>No dangerous goods according to IMDG | <b>IATA</b><br>No dangerous goods according to IATA-DGR              |
|---|---|---|--|
| 14.1 <b>UN number</b>   |   |   |  |
| 14.2 <b>UN proper shipping name</b>   |   |   |  |
| 14.3 <b>Transport hazard class(es)</b>  |   |   |  |
| 14.4 <b>Packing group</b>   |   |   |  |
| 14.5 <b>Environmental hazards</b>   |   |   |  |
| 14.6 <b>Special precautions for user</b>  |   |   |  |
|   | Transport category:<br>Classification Code:<br>Hazard - No.:<br>LQ: |   | Packing Instructions (Passenger)<br><br>Packing Instructions (Cargo) |
| 14.7 <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> |   |   |  |

**SECTION 15: Regulatory information**

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

n.av.

15.2 **Chemical safety assessment :**

n.ap.

**SECTION 16: Other information**

**Text of H phases mentioned in Section 3**

H304: May be fatal if swallowed and enters airways.

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This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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Receipt of Data: 29.03.2011, \$gfa\_0009

