



## MATERIAL SAFETY DATA SHEET

Smoke Free

**1 - IDENTIFICATION OF THE PRODUCT AND COMPANY**

|                                   |  |
|-----------------------------------|--|
| PRODUCT NAME                      | Smoke Free   |
| PRODUCT CODE                      | SH210  |
| APPLICATION                       | Oil Additive for older vehicles.   |
| SUPPLIER AND MANUFACTURER         | Shield Chemicals (Pty) Ltd<br>No. 9 London Road,<br>Apex,<br>Benoni<br>Gauteng<br>South Africa |
| CONTACT NUMBERS                   | T) +27-11-421-7111<br>F) +27-11-421-0475   |
| O/H 07h30 – 17h00 Monday – Friday |  |
| WEB ADDRESS                       | www.shieldchem.co.za   |
| E-MAIL ADDRESS                    | info@shieldchem.co.za  |
| CONTACT PERSON                    | Mr. Riaan Engelbrecht  |

**2 - HAZARDS IDENTIFICATION**

Essentially non hazardous

Although this product is non hazardous, avoid contact with eyes. Avoid prolonged contact with the skin. Do not ingest. In case of an accident, seek medical attention.

**3 – COMPOSTION/INFORMATION ON INGREDIENTS**

Mixture of oils and additives

**4 - FIRST AID MEASURES**

|              |  |
|--------------|--|
| INHALATION   | Not Applicable.  |
| INGESTION    | NEVER INDUCE VOMITTING.<br>If irritation persists, seek medical attention.   |
| SKIN CONTACT | Wash thoroughly with water. If irritation persists, seek medical attention.  |
| EYE CONTACT  | Make sure to remove any contact lenses from the eyes before rinsing. Rinse thoroughly with plenty of water for 15 minutes<br>If irritation persists, seek medical attention. |

**5 - FIRE-FIGHTING MEASURES**

|                      |  |
|----------------------|--|
| CLASSIFICATION       | Non flammable, but may burn in the case of fire  |
| EXTINGUISHING MEDIA  | Use Foam, Carbon dioxide (CO <sub>2</sub> ) or dry powder extinguishers.                                 |
| EXPOSURE HAZARDS     | Combustion may evolve hazardous gasses.  |
| PROTECTIVE EQUIPMENT | Fire fighters should wear self-contained breathing apparatus and suitable personal protective equipment. |

**6 - ACCIDENTAL RELEASE MEASURES**

|                     |  |
|---------------------|--|
| Method of disposal  | Absorb onto dry sand if possible, and dispose of safely as commercial waste. Rinse residues thoroughly with water. |
| Personal Protection | Wear gloves, goggles and respiratory protection.   |

**7 - HANDLING AND STORAGE**

|          |   |
|----------|---|
| HANDLING | Do not inhale vapour and do not ingest Do not add any other substances to this product.   |
| STORAGE  | Store upright in original closed containers. Keep away from heat or sources of ignition. Keep away from oxidizing or flammable materials. |

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

|                 |   |
|-----------------|---|
| EYE PROTECTION  | Not Applicable<br>When handling this product wear suitable eye/face protection. |
| HAND PROTECTION | For prolonged use, make use of gloves that are resistant to detergents.         |
| SKIN PROTECTION | Not Applicable.   |
| INHALATION      | Not Applicable.   |

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

|                         |                 |
|-------------------------|-----------------|
| APPEARANCE              | Liquid          |
| COLOUR                  | Viscous Brown   |
| ODOUR                   | As per standard |
| RELATIVE DENSITY @ 25°C | 0.88 (typical)  |

**10 - STABILITY AND REACTIVITY**

|                                  |  |
|----------------------------------|--|
| STABILITY                        | Keep away from heat  |
| MATERIALS TO AVOID               | Prevent contamination of the solution with any flammable or oxidizing materials. |
| HAZARDOUS DECOMPOSITION PRODUCTS | There are no hazardous decomposition products.                                   |

**11 - TOXICOLOGICAL INFORMATION**

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|---|
| May cause adverse affects in the aquatic environment. |
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**12 - ECOLOGICAL INFORMATION**

|             |  |
|-------------|--|
| ECOTOXICITY | This product may be hazardous to the environment. Avoid contamination of natural land and aquatic systems. |
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**13 - DISPOSAL CONSIDERATIONS**

|                  |  |
|------------------|--|
| DISPOSAL METHODS | Do not pour down waste water drains. Absorb onto dry sand or other absorber, and dispose of safely as commercial waste. Rinse contaminated area with plenty of water |
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**14 - TRANSPORT INFORMATION**

|                              |               |
|------------------------------|---------------|
| UN NUMBER                    | Not regulated |
| PROPER SHIPPING NAME         | -             |
| TRANSPORT HAZARD CLASS       | -             |
| PACKING GROUP                | -             |
| ENVIRONMENTAL HAZARDS        | -             |
| SPECIAL PRECAUTIONS FOR USER | -             |

**15 - REGULATORY INFORMATION**

|                |   |
|----------------|---|
| Hazard Symbols | Not applicable  |
| Risk Phases    | Not applicable  |
| Safety Phrases | S2 Keep out of reach of children<br>S24 Avoid contact with the skin<br>S25 Avoid contact with the eyes<br>S26 In case of contact with eyes, rinse with water and seek medical advice.<br>S37 Wear suitable gloves<br>S39 Wear eye/face protection<br>S43 In case of fire, use Foam, Carbon dioxide (CO <sub>2</sub> ) or dry powder extinguishers. Never use water jets.<br>S44 If you feel unwell, seek medical attention immediately and show this document.<br>S45 In case of accident, or if you feel unwell, seek medical attention immediately and show this document.<br>S61 Avoid release to the environment<br>S62 If swallowed, do not induce vomiting; seek medical advice and show container or label |

## 15 - OTHER INFORMATION

This materials safety data sheet has been compiled according to SABS 1104-1 and SABS 0265, and provides the best advice under our current state of knowledge. The user is ultimately responsible for ensuring that the requirements of the relevant legislation are complied with.

*DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.*