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

- Product identifier
- Trade name: AIRCON TREATMENT
- Article number: 412
- Application of the substance / the preparation
  For the rubber and vynil surfaces on the car, like the dash, plastic bumpers, trim, matt surfaces, door and trunk rubbers.
- Details of the supplier of the safety data sheet
- Further information obtainable from:
  WYNN OIL SOUTH AFRICA ( PTY ) LTD
  22 Mopedi Road,
  Sebenza, Edenvale
  1609
  Gauteng
  South Africa
  Tel: 2711 609 3708
  Fax: 2711 609 2218
  technical@wynns.co.za
- Emergency telephone number: Tel: 2711 609 3708

2 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components:</th>
<th></th>
</tr>
</thead>
</table>
| 64-17-5 ethanol        | F R11  
|                       | H225  
| 106-97-8 butane, pure | F+ R12 
|                       | H220  

- Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- Classification of the substance or mixture
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC
  - F+: Extremely flammable
  - R12: Extremely flammable.
- Information concerning particular hazards for human and environment:
  The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
  Warning! Pressurized container.
- Classification system:
  The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- Label elements
- Labelling according to EU guidelines:
  Observe the general safety regulations when handling chemicals.
  The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

(Contd. on page 2)
Safety data sheet
According to 91/155 EEC

Trade name: AIRCON TREATMENT

· Code letter and hazard designation of product:
  F+ Extremely flammable

· Risk phrases:
  12 Extremely flammable.

· Safety phrases:
  2 Keep out of the reach of children.
  16 Keep away from sources of ignition - No smoking.

· Special labelling of certain preparations:
  Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
  Do not spray on a naked flame or any incandescent material.

· Classification in accordance with Directive 75/324/EEC: Extremely flammable

4 First aid measures

· After inhalation: Supply fresh air; consult doctor in case of complaints.
· After skin contact: Generally the product does not irritate the skin.
· After eye contact: Rinse opened eye for several minutes under running water.
· After swallowing: If symptoms persist consult doctor.

5 Firefighting measures

· Suitable extinguishing agents:
  CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· For safety reasons unsuitable extinguishing agents: Water with full jet
· Special hazards arising from the substance or mixture: No further relevant information available.
· Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
· Environmental precautions: Do not allow to enter sewers/ surface or ground water.
· Methods and material for containment and cleaning up: Ensure adequate ventilation.
· Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

· Handling:
  · Precautions for safe handling: Open and handle receptacle with care.
  · Information about fire - and explosion protection:
    Do not spray onto a naked flame or any incandescent material.
    Keep ignition sources away - Do not smoke.
    Protect against electrostatic charges.

(Contd. on page 3)
Trade name: AIRCON TREATMENT

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

- **Storage:**
  - **Requirements to be met by storerooms and receptacles:**
    Store in a cool location.

  - **Information about storage in one common storage facility:** Not required.

  - **Further information about storage conditions:**
    Keep container tightly sealed.
    Do not seal receptacle gas tight.
    Store in cool, dry conditions in well sealed receptacles.
    Protect from heat and direct sunlight.

  - **Specific end use(s)** No further relevant information available.

---

**8 Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>OEL (South Africa) Long-term value:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5 ethanol</td>
<td>1900 mg/m³, 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>106-97-8 butane, pure</td>
<td>Short-term value: 1780 mg/m³, 750 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Long-term value: 1430 mg/m³, 600 ppm</td>
<td></td>
</tr>
</tbody>
</table>

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

  - **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

  - **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

  - **Protection of hands:**
    The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
    Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
    Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

  - **Material of gloves**
    The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

  - **Penetration time of glove material**
    The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

  - **Eye protection:**
    Tightly sealed goggles
9 Physical and chemical properties

- General Information
- Appearance:
  - Form: Aerosol
  - Colour: As per product specification
- Odour:
  - Odour: Characteristic
  - Odour threshold: Not determined.
- pH-value:
  - Not determined.

- Change in condition
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: 0 °C
- Flash point:
  - -13 °C
- Flammability (solid, gaseous):
  - Not applicable.
- Ignition temperature:
  - 365 °C
- Decomposition temperature:
  - Not determined.
- Self-igniting:
  - Product is not selfigniting.
- Danger of explosion:
  - Not determined.

- Explosion limits:
  - Lower: 1.5 Vol %
  - Upper: 15.0 Vol %
- Vapour pressure at 20 °C:
  - 2100 hPa
- Density at 20 °C:
  - 0.79 g/cm³
- Relative density:
  - Not determined.
- Vapour density:
  - Not determined.
- Evaporation rate:
  - Not applicable.

- Solubility in / Miscibility with water:
  - Not miscible or difficult to mix.
- Partition coefficient (n-octanol/water):
  - Not determined.

- Viscosity:
  - Dynamic:
    - Not determined.
  - Kinematic:
    - Not determined.

- Solvent content:
  - Organic solvents:
    - 100.0 %
  - VOC (EC):
    - 100.00 %
- Other information:
  - No further relevant information available.

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
  - No decomposition if used according to specifications.
- Incompatible materials:
  - No further relevant information available.
- Hazardous decomposition products:
  - No dangerous decomposition products known.
11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
  - on the skin: No irritant effect.
  - on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.

12 Ecological information

- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behaviour in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Additional ecological information:
    - General notes:
      Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
      Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- Waste treatment methods
- Recommendation:
  Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
  ADR, IMDG, IATA UN1950
- UN proper shipping name
  ADR 1950 AEROSOLS
  IMDG AEROSOLS
  IATA AEROSOLS, flammable
- Transport hazard class(es)
  ADR
  - Class 2 5F Gases.
### Trade name: AIRCON TREATMENT

<table>
<thead>
<tr>
<th>· Label</th>
<th>2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>· IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td>· Class</td>
<td>2.1</td>
</tr>
<tr>
<td>· Label</td>
<td>2.1</td>
</tr>
<tr>
<td>· Packing group</td>
<td>-</td>
</tr>
<tr>
<td>· ADR, IMDG, IATA</td>
<td>Void</td>
</tr>
<tr>
<td>· Environmental hazards:</td>
<td></td>
</tr>
<tr>
<td>· Marine pollutant:</td>
<td>No</td>
</tr>
<tr>
<td>· Special precautions for user</td>
<td>Warning: Gases.</td>
</tr>
<tr>
<td>· Danger code (Kemler):</td>
<td>-</td>
</tr>
<tr>
<td>· EMS Number:</td>
<td>F-D,S-U</td>
</tr>
<tr>
<td>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>· Transport/Additional information:</td>
<td></td>
</tr>
<tr>
<td>· ADR</td>
<td></td>
</tr>
<tr>
<td>· Limited quantities (LQ)</td>
<td>1L</td>
</tr>
<tr>
<td>· Transport category</td>
<td>2</td>
</tr>
<tr>
<td>· Tunnel restriction code</td>
<td>D</td>
</tr>
</tbody>
</table>

### 15 Regulatory information

- **Labelling according to EU guidelines:**
  Observe the general safety regulations when handling chemicals.
  The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**
  F+ Extremely flammable

- **Risk phrases:**
  12 Extremely flammable.

- **Safety phrases:**
  2 Keep out of the reach of children.
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- **Special labelling of certain preparations:**
  Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
  Do not spray on a naked flame or any incandescent material.

- **Classification in accordance with Directive 75/324/EEC:** Extremely flammable
National regulations:

<table>
<thead>
<tr>
<th>Class</th>
<th>Share in %</th>
</tr>
</thead>
<tbody>
<tr>
<td>NK</td>
<td>100.0</td>
</tr>
</tbody>
</table>

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
  - H220 Extremely flammable gas.
  - H225 Highly flammable liquid and vapour.
  - R11 Highly flammable.
  - R12 Extremely flammable.

- Department issuing MSDS:
  WYNN OIL SOUTH AFRICA (PTY) LTD
  22 Mopedi Road
  Sebenza, Edenvale
  1609
  Gauteng
  South Africa
  Tel: 2711 609 3708
  Fax: 2711 609 2218
  technical@wynns.co.za

- Contact: 2711 609 3708

* Data compared to the previous version altered.