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

1.1. Product identifier
   Product form: Mixture
   Product name: Super Rust Penetrant (Aerosol)
   Product code: W56479

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses
   Use of the substance/mixture: Penetrating oil with lubricity and anti rust properties
   Function or use category: Aerosol propellants

1.2.2. Uses advised against
   No additional information available

1.3. Details of the supplier of the safety data sheet
   Wynn's Belgium
   Industriepark-West 46
   9100 Sint-Niklaas - Belgium
   T +32 3 766 60 20 - F +32 3 778 16 56
   msds@wynns.eu - www.wynns.be

1.4. Emergency telephone number
   Emergency number: BIG: +32(0)14/58.45.45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
   Classification according to Regulation (EC) No. 1272/2008 [CLP]
   Aerosol 1
   H222;H229

   Full text of H-statements: see section 16

   Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
   F+; R12
   R66

   Full text of R-phrases: see section 16

   Adverse physicochemical, human health and environmental effects
   No additional information available

2.2. Label elements
   Labelling according to Regulation (EC) No. 1272/2008 [CLP]
   Hazard pictograms (CLP): 
   Signal word (CLP): Danger
   Hazard statements (CLP): H222 - Extremely flammable aerosol
   H229 - Pressurised container: May burst if heated
   EUH-statements: EUH066 - Repeated exposure may cause skin dryness or cracking
   Precautionary statements (CLP): P102 - Keep out of reach of children
   P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
   P211 - Do not spray on an open flame or other ignition source
   P251 - Do not pierce or burn, even after use
   P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% w</th>
<th>Classification according to Directive 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</td>
<td>(EC no) 918-481-9 (REACH-no) 01-2119457273-39</td>
<td>50 - 75</td>
<td>Xn; R65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R66</td>
</tr>
<tr>
<td>Butane n-</td>
<td>(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0 (REACH-no) 01-2119474691-32</td>
<td>10 - 25</td>
<td>F+; R12</td>
</tr>
<tr>
<td>strongly refined paraffinic base oil substance with a Community workplace exposure limit</td>
<td>(CAS No) 64742-65-0</td>
<td>10 - 25</td>
<td>Not classified</td>
</tr>
<tr>
<td>Propane</td>
<td>(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 (REACH-no) 01-2119486944-21</td>
<td>10 - 25</td>
<td>F+; R12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% w</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</td>
<td>(EC no) 918-481-9 (REACH-no) 01-2119457273-39</td>
<td>50 - 75</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>Butane n-</td>
<td>(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0 (REACH-no) 01-2119474691-32</td>
<td>10 - 25</td>
<td>Flam. Gas 1, H220</td>
</tr>
<tr>
<td>strongly refined paraffinic base oil substance with a Community workplace exposure limit</td>
<td>(CAS No) 64742-65-0</td>
<td>10 - 25</td>
<td>Not classified</td>
</tr>
<tr>
<td>Propane</td>
<td>(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 (REACH-no) 01-2119486944-21</td>
<td>10 - 25</td>
<td>Flam. Gas 1, H220</td>
</tr>
</tbody>
</table>

Full text of R- and H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:

First-aid measures after inhalation:
Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact:
Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion:
As it is a spray can packaging it is most unlikely that large quantities will be swallowed. Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed
No additional information available

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available
SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media: Water spray. AFFF foam. ABC-powder.
Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Extremely flammable aerosol. Heating may cause a fire or explosion.

5.3. Advice for firefighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Physical explosion risk: extinguish/cool from behind cover.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Protective equipment: Wear suitable protective clothing and gloves. Safety glasses. Large spills/in enclosed spaces: compressed air apparatus.

6.1.2. For emergency responders
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Scoop absorbed substance into closing containers. Clean contaminated surfaces with a soap solution.

6.4. Reference to other sections
No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Additional hazards when processed: Pressurized container: Do not pierce or burn, even after use.
Precautions for safe handling: Meets the legal requirements. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide good ventilation in process area to prevent formation of vapour. IF ON SKIN: Wash with plenty of soap and water. Presents no particular risk when handled in accordance with good occupational hygiene practice.

Hygiene measures: Use good personal hygiene practices. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Storage temperature: < 45 °C
Heat and ignition sources: Keep away from sources of ignition - No smoking.
Prohibitions on mixed storage: Keep away from strong acids and strong oxidizers.
Storage area: Fireproof storeroom. Meet the legal requirements. Protect from heat and direct sunlight. Keep container tightly closed in a cool, well-ventilated place. Store in a dry place. Ventilation along the floor.

Special rules on packaging: Meets the legal requirements. correctly labelled.
Packaging materials: Pressurised small gas containers (aerosol cans).

7.3. Specific end use(s)
See product bulletin for detailed information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Butane n- (106-97-8)
Belgium Limit value (ppm) 1000 ppm

strongly refined paraffinic base oil (64742-65-0)
EU IOELV TWA (mg/m³) 5 mg/m³
Italy - Portugal - USA ACGIH TWA (mg/m³) 5 mg/m³

Propane (74-98-6)
Belgium Limit value (ppm) 1000 ppm

8.2. Exposure controls
Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

Personal protective equipment: Protective goggles.

Hand protection: Neoprene. Nitrile rubber. PVC (Polyvinyl chloride). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information: Breakthrough time: >30'. Thickness of the glove material >0.1 mm.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Colour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td></td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>(butylacetate=1)</td>
<td></td>
</tr>
<tr>
<td>Refraction index</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>187 - 300 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>11 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>1 hPa @20°C</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0,787 @20°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic @40°C</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic @40°C</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1 mm²/s @20°C</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>
9.2. Other information

Other properties: Dimethylsulfoxide (DMSO) <3%.
Additional information: The physical and chemical data in this section are typical values for this product and are not intended as product specifications. Physical and chemical properties of the active product without gas.

**SECTION 10: Stability and reactivity**

10.1. Reactivity
No additional information available

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No additional information available

10.4. Conditions to avoid
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from strong acids and strong oxidizers.

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products

**SECTION 11: Toxicological information**

11.1. Information on toxicological effects
Acute toxicity: Not classified
Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified

**SECTION 12: Ecological information**

12.1. Toxicity
Ecology - general: No data available.

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
No additional information available
SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations: Container under pressure. Do not drill or burn even after use. Remove to an authorized waste treatment plant.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number
UN-No. (ADR): 1950

14.2. UN proper shipping name
Proper Shipping Name (ADR): AEROSOLS
Transport document description (ADR): UN 1950 AEROSOLS, 2.1, (D)

14.3. Transport hazard class(es)
Class (ADR): 2
Subsidiary risk (IMDG): 2.1
Subsidiary risk (IATA): 2.1
Danger labels (ADR): 2.1

14.4. Packing group
Not applicable

14.5. Environmental hazards
Other information: No supplementary information available.

14.6. Special precautions for user
14.6.1. Overland transport
Classification code (ADR): 5F
Special provisions (ADR): 190, 327, 344, 625
Transport category (ADR): 2
Tunnel restriction code (ADR): D
Limited quantities (ADR): 1l

14.6.2. Transport by sea
EmS-No. (1): F-D, S-U

14.6.3. Air transport
Instruction "cargo" (ICAO): 203
Instruction "passenger" (ICAO): 203/Y203

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Super Rust Penetrant (Aerosol) is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Allergenic fragrances > 0,01%:
CITRONELLOL: 0,01%
15.1.2. National regulations
Water hazard class (WGK) : 1 - low hazard to waters

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-statements:

Aerosol 1  
Asp. Tox. 1  
Flam. Gas 1  
H220  
H222  
H229  
H304  
R12  
R65  
R66  
F+  
Xn  

Aerosol, Category 1  
Aspiration hazard, Category 1  
Flammable gases, Category 1  
Extremely flammable gas  
Extremely flammable aerosol  
Pressurised container: May burst if heated  
May be fatal if swallowed and enters airways  
Extremely flammable  
Harmful: may cause lung damage if swallowed  
Repeated exposure may cause skin dryness or cracking  
Extremely flammable  
Harmful  

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.