



Safety data sheet

According to 91/155 EEC

Printing date 19.10.2015

Revision: 19.10.2015

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

- **Product identifier**
- **Trade name:** TYRE TREATMENT 400 ml
- **Article number:** 433
- **Application of the substance / the preparation** Cleans simply by spraying.
- **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.

- **Dangerous components:**

106-97-8	butane, pure	F+ R12	10-30%
		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**
 - Xn; Harmful
 - R22: Harmful if swallowed.
 - 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.

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Trade name: **TYRE TREATMENT 400 ml**

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- **Code letter and hazard designation of product:**

- F+ Extremely flammable

- **Risk phrases:**

- 12 Extremely flammable.
 - 22 Harmful if swallowed.

- **Safety phrases:**

- 2 Keep out of the reach of children.
 - 16 Keep away from sources of ignition - No smoking.
 - 46 If swallowed, seek medical advice immediately and show this container or label.

- **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:** No special measures required.
- **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.

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Protect against electrostatic charges.

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.

Observe official regulations on storing packagings with pressurized containers.

· **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:**

106-97-8 butane, pure

OEL (South Africa)	Short-term value: 1780 mg/m ³ , 750 ppm
	Long-term value: 1430 mg/m ³ , 600 ppm

· **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

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· 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:	-60 °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:	8.5 Vol %
· Vapour pressure at 20 °C:	2100 hPa
· Density:	Not determined.
· 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:	15.0 %
VOC (EC)	15.00 %
· 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.

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· **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:** Generally not hazardous for water

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	UN1950
· ADR, IMDG, IATA	
· UN proper shipping name	1950 AEROSOLS
· ADR	AEROSOLS
· IMDG	AEROSOLS
· IATA	AEROSOLS, flammable
· Transport hazard class(es)	
· ADR	
	
· Class	2 5F Gases.
· Label	2.1
· IMDG, IATA	
	
· Class	2.1
· Label	2.1
· Packing group	-
· ADR, IMDG, IATA	Void

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- | | |
|---------------------------------------|-----------------|
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Warning: Gases. |
| · Danger code (Kemler): | - |
| · EMS Number: | F-D,S-U |

- | | |
|--|-----------------|
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
|--|-----------------|

· Transport/Additional information:	
--	--

- | | |
|----------------------------------|----|
| · ADR | |
| · Limited quantities (LQ) | 1L |
| · Transport category | 2 |
| · Tunnel restriction code | D |

15 Regulatory information

- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
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- **Code letter and hazard designation of product:**
F+ Extremely flammable

- **Risk phrases:**
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- **Classification in accordance with Directive 75/324/EEC:** Extremely flammable

- **National regulations:**

Class	Share in %
NK	15.5

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.
R12 Extremely flammable.

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· Department issuing MSDS:

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· Contact: 2711 609 3708**· * Data compared to the previous version altered.**

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