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**Safety Data Sheet**

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**Product Name:** TYREFIX**Creation Date:** 09/03/18**Replaces:** 16/11/16

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

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**1.1. Product Identifier**

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SCOTTS TYREFIX

Aerosol

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

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Car Care.

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**1.3. Details of the supplier of the safety data sheet**

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Scotts Trading  
North Dorset Business Park  
Rolls Mill Way, Sturminster Newton  
Dorset, DT10 2GA  
Tel: +44 (0)1305 260555  
EM: [sales@scottstrading.com](mailto:sales@scottstrading.com)

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**1.4. Emergency telephone number**

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**Tel: +44 (0)1305 260555**

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**SECTION 2: Hazards Identification**

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**2.1 Classification of the substance or mixture**

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**Classification (EC 1272/2008)****Physical and chemical hazards:** Flam. Aerosol 1 – H222**Human health:** Not Classified**Environmental hazards:** Not Classified

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**2.2 Label elements**

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**Label in accordance with (EC) no 1272/2008:****Signal word:** Danger.

<b>Hazard statements:</b>	H222: Extremely flammable aerosol.
<b>Precautionary statements:</b>	P102: Keep out of reach of children. P261: Avoid breathing vapour/spray. P271: Use only outdoors or in a well-ventilated area. P501: Dispose of contents/container in accordance with national regulations.
<b>Supplementary precautionary statements:</b>	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: Pressurised container: Do not pierce or burn, even after use. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
<b>Supplemental label information:</b>	H229: Pressurised container: May burst if heated.

### 2.3 Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### BUTANE

EC no:	CAS no:	Classification (67/548/EEC)	Classification (EC 1272/2008)	Percent
203-448-7	106-97-8	F+; R12.	Flam. Gas 1 - H220	10-30%

#### ISOBUTANE

EC no:	CAS no:	Classification (67/548/EEC)	Classification (EC 1272/2008)	Percent
200-857-2	75-28-5	F+;R12.	Flam. Gas 1 – H220	5-10%

The full test for all R-Phrases and hazard statements are displayed in Section 16.

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

<b>General information:</b>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<b>Inhalation:</b>	Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get prompt medical attention.
<b>Ingestion:</b>	DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
<b>Skin contact:</b>	Wash skin immediately with soap and water. Get medical attention if any discomfort continues.

**Eye contact:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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**General information:** NOTE! Effects may be delayed. Keep affected person under observation.

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

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No specific first aid measures noted.

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**SECTION 5: Firefighting Measures**

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**5.1. Extinguishing media**

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**Extinguishing media:** Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

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

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**Unusual fire and explosion hazards:** Aerosol cans may explode in a fire.

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**5.3 Advice for Fire fighters**

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**Special firefighting procedures:** Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

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**SECTION 6: Accidental Release Measures**

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**6.1. Personal precautions, protective equipment and emergency procedures**

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**6.2 Environmental precautions**

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

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**Methods for cleaning up:** Wear suitable protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

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**6.4. Reference to other sections**

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**SECTION 7: Handling & Storage**

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**7.1. Precautions for safe handling**

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**Usage precautions:** Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions:** Must not be exposed to direct sunlight or temperatures above 50 °C.

**7.3. Specific end use(s)**

Car Care - see Section 1.2.

**SECTION 8: Exposure Controls & Personal Protection****8.1. Control parameters**

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
Butane	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>	

WEL = Workshop Exposure Limit

**8.2 Exposure controls****Protective equipment:**

**Engineering measures:** Provide adequate general and local exhaust ventilation.

**Respiratory equipment:** No specific recommended made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

**Eye/face protection:** Wear approved chemical safety goggles where eye exposure is reasonably probable.

**Hand protection:** Use protective gloves.

**Hygiene measures:** DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**Other protection:** Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**SECTION 9: Physical & Chemical Properties****9.1. Information on basic physical and chemical properties**

**Appearance:** Aerosol.

**Colour:** Typical.

**Odour:** Characteristic.

Flammability limit – Lower %: 0.8

Flammability limit – Upper %: 9.0

## 9.2. Other information

## SECTION 10: Stability & Reactivity

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidizing agents. Strong alkalis. Strong mineral acids.

### 10.5 Incompatible materials

### 10.6. Hazardous decomposition products

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological Information

### 11.1. Information on toxicological effects

**Inhalation:** May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

**Ingestion:** May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

**Skin contact:** Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**Eye contact:** Irritating to eyes. May cause chemical burns.

**Route of entry:** Inhalation. Skin and/or eye contact.

### Toxicological information on ingredients:

## SECTION 12: Ecological Information

**Ecotoxicity:** Dangerous for the environment if discharged into watercourses.

**12.1. Toxicity**

Data set not currently available.

**12.2. Persistence and Degradability****12.3. Bioaccumulative potential**

No data available on bioaccumulation.

**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

Not known.

**SECTION 13: Disposal Considerations****13.1. Waste treatment methods**

**Disposal methods:** Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority.

**SECTION 14: Transport Information****14.1. UN number**

**UN No. (ADR/RID/ADN):** 1950

**UN No. (IMDG):** 1950

**UN No. (ICAO):** 1950

**14.2. UN proper shipping name**

**Proper shipping name:** AEROSOLS

**14.3. Transport hazard class(es)**

**ADR/RID/ADN class:** 2

**ADR/RID/ADN class:** Class 2: Gases

**ADR label no:** 2.1

**IMDG class:** 2.1

**ICAO class/division:** 2.1

## Transport labels:



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**14.4. Packing group**

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**ADR/RID/AND packing group:** Not applicable.

**IMDG packing group:** Not applicable.

**ICAO packing group:** Not applicable.

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**14.5 Environmental hazards**

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**Environmentally hazardous:** No.

**Marine pollutant:** No.

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**14.6. Special Precautions for User**

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**EMS:** F-D, S-U

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**14.7. Transport in bulk according to Annex 11 of MARPOL73/78 and the IBC code**

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**SECTION 15: Regulatory Information**

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

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**UK regulatory references:** The chemicals (hazard information and packaging for supply) regulations 2002.  
The control of substances hazardous to health regulations 2002.

**Statutory instruments:** Control of substances hazardous to health. The chemicals (hazard information and packaging for supply) regulations 2009 (S.I 2009 no 716).

**Approved code of practice:** Classification and labelling of substances and preparations dangerous for supply.

**Guidance:** Workplace Exposure Limits EH40.  
Introduction to local exhaust ventilation HS(G)37.  
CHIP for everyone HSG (108).

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**15.2. Chemical safety assessment**

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**SECTION 16: Other Information**

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**Risk phrases in full:**

R12: Extremely flammable.

**Hazard statements in full:**

H222: Extremely flammable aerosol.

H220: Extremely flammable gas.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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