



Safety Data Sheet

Product Name: WHEEL CLEANER**Creation Date:** 16/11/16**Replaces:** 17/09/15

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

1.1. Product Identifier

SCOTTS WHEEL CLEANER
Aerosol

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

Wheel Cleaner

1.3. Details of the supplier of the safety data sheet

Scotts Trading
6 Hessary Street
Poundbury, Dorchester
Dorset, DT1 3SF
Tel: +44 (0)1305 260555
EM: sales@scottstrading.com

1.4. Emergency telephone number

Tel: +44 (0)1305 260555

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Physical hazards: Aerosol 1 - H222, H229**Health hazards:** Eye Irrit. 2 - H319 Elicitation (Skin Sens.)**Environmental hazards:** Aquatic Chronic 3 – H412**Classification:** F+; R12
(67/548/EEC or 1999/45/EC)**Human health:** Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.**Environmental:** This product does not contain substances which are harmful to aquatic

organisms or which may cause long term effects to the aquatic environment.

Physicochemical:

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

2.2 Label elements**Label Elements (Pictogram):****Signal word:**

Danger.

Hazard statements:

H222 Extremely flammable aerosol.
 H229 Pressurised container: may burst if heated.
 H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.
 EUH208 Contains Orange Terpene. May produce an allergic reaction.

Precautionary statements:

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.
 P260: Do not breathe vapour/spray.
 P271: Use only outdoors or in a well-ventilated area.
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122 °F.
 P501: Dispose of contents/container in accordance with local regulations.

Detergent labelling:

5 - < 15% aliphatic hydrocarbons, < 5% anionic surfactants,
 < 5% phosphates.

2.3 Other hazards

PBT: This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

EC no:	CAS	Classification (67/548/EEC or 1999/45/EC)	CLP Classification	Percent
270-704-2	68476-85-7	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	Flam. Gas 1: H220; Press. Gas: Liquefied H280	5-10%

PROPAN-2-OL (Reach registration no: 012119457558-25)

EC no:	CAS	Classification (67/548/EEC or 1999/45/EC)	CLP Classification	Percent
200-661-7	67-63-0	F; R11 Xi; R36 R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	5-10%

TETRA POTASSIUM PYROPHOSPHATE (Reach registration no: 012119489369-18)

EC no:	CAS	Classification (67/548/EEC or 1999/45/EC)	CLP Classification	Percent
230-785-7	7320-34-5	Xi; R36	Eye Irrit. 2: H319	1-5%

SODIUM LAURYL SARCOSINATE (Reach registration no: 012119527780-39)

EC no:	CAS	Classification (67/548/EEC or 1999/45/EC)	CLP Classification	Percent
205-281-5	137-16-6	T; R23 Xi; R38 R41	Acute Tox. 2 - H330; Skin Irrit. 2 - H315; Eye Dam. 1 - H318	1-5%

ORANGE TERPENE (Reach registration no: 012119493353-35)

EC no:	CAS	Classification (67/548/EEC or 1999/45/EC)	CLP Classification	Percent
232-433-8	8028-48-6 M factor (Chronic) =1	Xn; R65 R10	Flam Liq. 3: H226; Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Asp. Tox. 1 - H304; Aquatic Chronic 1 - H410	< 1%

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

Contact with eyes:	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
Skin contact:	Remove contaminated clothing immediately and wash skin with soap and water.
Ingestion:	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
Inhalation:	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
General:	Move affected person to fresh air at once.

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

General information:	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
-----------------------------	---

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

Notes for the Doctor:	Treat symptomatically.
------------------------------	------------------------

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with foam, carbon dioxide, dry powder or water fog.
--------------------------------------	--

5.2. Special hazards arising from the substance or mixture

Specific hazards: Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build up.

5.3 Advice for Fire fighters

Protective actions during firefighting: Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

6.2 Environmental precautions

Environmental precautions: Avoid the spillage of runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

6.4. Reference to other sections

For personal protection, see Section 8.
For waste disposal, see Section 13.

SECTION 7: Handling & Storage

7.1. Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Extremely flammable. Keep away from heat, sparks and open flame. Store at moderate temperatures in a dry, well ventilated area. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

7.3. Specific end use(s)

Car Care - see Section 1.2.

SECTION 8: Exposure Controls & Personal Protection**8.1. Control parameters Occupational exposure limits****PETROLEUM GASES, LIQUIFIED; PETROLEUM GAS**

	LTEL 8 hr TWA	15 min. STEL	8 hour TWA	15 min STEL
UK	WEL 1000ppm 1750mg/m ³	WEL 1250ppm 2180mg/m ³		

PROPAN-2-OL

	LTEL 8 hr TWA	15 min. STEL	8 hour TWA	15 min STEL
UK	WEL 400ppm 999mg/m ³	WEL 500ppm 1250mg/m ³		

ORANGE TERPENE

	LTEL 8 hr TWA	15 min. STEL	8 hour TWA	15 min STEL
UK	WEL 800mg/m ³			

WEL = Workshop Exposure Limit

Ingredient Comments:**Propan-2-OL (CAS: 67-63-0)****DNEL:**

Industry - Dermal; Long term systemic effects: 888 mg/kg/day
 Industry - Inhalation; Long term systemic effects 500mg/ m³
 Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
 Consumer - Dermal; Long term systemic effects: 26 mg/kg/day
 Consumer - Inhalation; Long term systemic effects 89mg/ m³

PNEC:

- Fresh Water; 140.9 mg/l
 - Marine Water; 140.9 mg/l
 - Intermittent release; 140.9 mg/l
 - Sediment (Freshwater); 552 mg/kg
 - Sediment (Marine water); 552 mg/kg
 - STP; 2251 mg/l
 - Soil; 28 mg/kg

8.2 Exposure controls**Engineering measures:**

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Respiratory protection:

If ventilation is inadequate, suitable respiratory protection must be worn.

Hand protection:

Due to the packaging form (aerosol), risk of contact is small. Chemical resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Eye/face protection:	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
Personal protection:	When using – do not smoke.
Hygiene measures:	Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of the skin.

SECTION 9: Physical & Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Aerosol.
Colour:	White.
Odour:	Organic solvents. Lemon.
Initial boiling point & range:	-40 to -2°C @ 1013 hPa.
Upper/lower flammability or explosive limits:	Lower: 1.8% - Upper 9.5%.
Flashpoint:	< -40°C.
Partition coefficient:	log Pow: ca. 2.3 to 2.8.
Auto-ignition temperature:	410-580°C.
Vapour pressure:	ca. 590 to 1760 kPa @ 45°C.
Vapour density:	ca. 1.5 at 15°C.
Comments:	Information given is applicable to the major ingredient.

9.2. Other information

No data available.

Volatile organic compound: This product contains a maximum VOC content of 147 g/l.

SECTION 10: Stability & Reactivity

10.1. Reactivity

Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Avoid the following conditions: Heat, sparks, flames.

10.3. Possibility of hazardous reactions

Does not decompose when used and stored as recommended.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5 Incompatible materials

Keep away from oxidising materials, heat and flames.

10.6. Hazardous decomposition products

Hazardous decomposition – does not decompose when used and stored as recommended. Thermal decomposition or products combustion may include the following substances: Toxic and corrosive gases or vapours.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects – Acute toxicity - inhalation

ATE inhalation (vapours mg/l): 59.52380952

General information: Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Inhalation: In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

Skin contact: Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact: Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards: Arrhythmia (deviation from normal heartbeat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Route of entry: Inhalation.

Target organs: Central nervous system – Respiratory system, lungs.

Medical symptoms: Arrhythmia (deviation from normal heartbeat). Narcotic effect. Vapours may cause drowsiness and dizziness.

SECTION 12: Ecological Information

Ecotoxicity: No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

Not available.

12.2. Persistence and Degradability

Not available.

12.3. Bioaccumulative potential

Not available.

Partition coefficient: log Pow: ca. 2.3 to 2.8.

12.4. Mobility in soil

Not known.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

General information: Do not puncture or incinerate when empty.**Disposal methods:** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of explosion. Empty containers must not be punctured or incinerated because of the risk of explosion.

SECTION 14: Transport Information

General: This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg weight to be exempt from control providing, they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

14.1. UN number

UN No. (ADR/RID): 1950**UN No. (IMDG):** 1950**UN No. (ICAO):** 1950

14.2. UN proper shipping name

Proper shipping name: AEROSOLS.
(ADR/RID)

**Proper shipping name:
(IMDG)** AEROSOLS.

Proper shipping name (ICAO): AEROSOLS.

Proper shipping name (ADN): AEROSOLS.

14.3. Transport hazard class(es)

ADR/RID class: 2.1

ADR/RID label: 2.1

IMDG class: 2.1

ICAO class/division: 2.1

Transport labels:



14.4. Packing group

Not applicable.

14.5 Environmental hazards

Environmentally hazardous: No.

Marine Pollutant: No.

14.6. Special Precautions for User

EmS: F-D, S-U

Tunnel restriction code: D.

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

**Transport in bulk according to
Annex 11 of MARPOL73/78
and the IBC code** Not applicable.

SECTION 15: Regulatory Information

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

National regulations: The Chemicals (Hazard information and packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation: Commission Regulation (EU) No 453/2010 of 20/5/2010.

Guidance: Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.
British Aerosol Manufactures Code of Practice 7th. Edition 1999.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other Information**Revision phrases in full:**

R10: Flammable
R11: Highly flammable.
R12: Extremely flammable.
R23: Toxic by inhalation.
R36: Irritating to eyes.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.

Hazard Statements in full:

H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H229: Pressurised container: may burst if heated.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H330: Fatal if inhaled.
H336: May cause drowsiness or dizziness.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.
EUH208: Contains Orange Terpene. May produce an allergic reaction.

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.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission.