



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Tire Cleaner

01. Identification of the substance/preparation and of the company/undertaking

Product name

Tire Cleaner

Use of the substance / preparation

cleaning agent

Manufacturer/Supplier

SCT-Vertriebs GmbH
Wedel/Hamburg

Street/P.O.Box

Feldstrasse 154

Country code/Postal code/Town/City

22880 Wedel

Contact

email: info@sct-germany.de

Emergency information

+49 4103 1211 0 (08:00 - 17:00 h)

02. Composition/information on ingredients

To people

See point 11 and 15.

Preparation is classified as hazardous in the sense of directive 1999/45/EC. Product is extremely flammable.

Danger of bursting (explosion) when heated.

When using: development of explosive vapour/air mixture possible.

To the environment

See point 12

03. Hazard identification

Chemical content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	
Ethanol			
10.-20	F	11	200-578-6
For complete wording of the R-phrases, refer to point 16.			
Glycerin			
10.-20	---	---	200-289-5

04. First-aid measures

4.1 Inhalation

Vapours may cause drowsiness and dizziness

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms. Respiratory arrest - Artificial respiration apparatus necessary.

4.2 Eye contact The following may occur: Irritation of the eyes

Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.

4.3 Skin contact The following may occur: Irritation of the skin.

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion Medical attention necessary. The following may occur: Headaches

Nausea

4.5 Special resources necessary for first aid

n.c.



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05. Fire-fighting measures

5.1 Suitable extinguishing media

CO₂

Extinguishing powder

Cool container at risk with water.

5.2 Extinguishing media which shall not be used for safety reasons

n.c.

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Toxic gases

Danger of explosion by prolonged heating. Explosive vapour/air mixture

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply

According to size of fire

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

06. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

6.2 Environmental precautions

If leakage occurs, dam up.

Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods for cleaning up

If spray or gas escapes, ensure ample fresh air is available.

07. Handling and storage

7.1 Handling

Tips for safe handling:

See point 6.1

Ensure good ventilation.

Without adequate ventilation, formation of explosive mixtures may be possible. Keep away from sources of ignition - Do not smoke.

Do not use on hot surfaces.

Observe directions on label and instructions for use. Do not use the product in enclosed spaces.

Use working methods according to operating instructions.

7.2. Storage

Requirements for storage rooms and containers:

Store product closed and only in original packing.

Not to be stored in gangways or stair wells. Observe special regulations for aerosols.

Special storage conditions:

See point 10

Keep protected from direct sunlight and temperatures over 50°C.

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung"). Store in a well ventilated place.

08. Exposure controls/personal protection

Chemical Name	Dimethyl ether	content%:	10-20
WEL-TWA: 400 ppm (766 mg/m ³) (WEL), 1000 ppm (1920 mg/m ³) (EC)	WEL-STEL: 500 ppm (958 mg/m ³) (WEL)	---	
BMGV: ---		Other informations: ---	

Chemical Name	Butane	content%:	
WEL-TWA: 600 ppm (1450 mg/m ³)	WEL-STEL: 750 ppm (1810 mg/m ³)	---	
BMGV: ---		Other informations: ---	



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08. Exposure controls/personal protection

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW

"Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen

= Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

Respiratory protection: If OES or MEL is exceeded.

Gas mask filter A (EN 14387) If applicable

Protective respirator with independent air supply

Hand protection: Protective nitrile gloves (EN 374)

Eye protection: Tight fitting protective goggles with side protection (EN 166).

Skin protection: Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Boots (EN ISO 20347) PVC

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

09. Physical and chemical properties

Physical state:	Aerosol
Colour:	White
Odour:	Slightly
pH-value undiluted:	7,5
Boiling point/boiling range (°C):	n.av.
Melting point/melting range (°C):	n.av.
Flash point (°C):	- 60
Flammability (solid, gas):	Yes
Ignition temperature:	350°C
Oxidising properties:	No
Minimum limit of explosion:	1,4 Vol%
Maximum limit of explosion:	32 Vol%
Vapour pressure:	3400 hPa
Density (g/ml):	0,96
Water solubility:	Insoluble

10. Stability and reactivity

Conditions to avoid

See point 7

Pressure increase will result in danger of bursting.

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

Heating, open flame, ignition sources

Materials to avoid

See point 7

Oxidizing agents

Hazardous decomposition products

See point 5.3

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11. Toxicological information

Acute toxicity and immediate effects	
Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal. (mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.
Delayed and chronic effects	
Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.
Further information	
Classification according to calculation procedure. Other dangerous properties cannot be ruled out.	



12. Ecological information

Water hazard class (Germany):	1
Self classification:	Yes (VwVwS)
Persistence and degradability:	Not totally biodegradable.
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. Behaviour in sewage plants:	
According to the recipe, contains no AOX.	
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
Mobility:	Product is slightly volatile.
Vapours heavier than air.	

13. Disposal considerations

13.1. for the material / preparation / residue	
EC disposal code no.:	
The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC); 16 05 04 gases in pressure containers (including halons) containing dangerous substances	
Recommendation:	
Pay attention to local and national official regulations	
E.g. dispose at suitable refuse site.	
13.2 for contaminated packing material	
See point 13.1	
Pay attention to local and national official regulations	
15 01 04 metallic packaging	
15 01 10 packaging containing residues of or contaminated by dangerous substances	
Recycling	
Do not perforate, cut up or weld uncleaned container.	

14. Transport information

General statements		
UN-Number:	1950	
Road/Rail-transport (ADR/RID)		
Class/packing group:	2/- UN 1950 AEROSOLS	
Classification code:	5F	
LQ:	2	
Transport by sea		
IMDG-code:	2.1/- (class/packing group)	
EmS:	F-D, S-U	
Marine Pollutant:	n.a.	
AEROSOLS		
Transport by air		
IATA:	2.1/-/- (class/secondary danger/packing group)	
Aerosols, flammable		
Additional information:		
Danger code and packing code on request.		

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15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC

Directives

(67/548/EEC and 1999/45/EC)

Symbols: F+ Indications of danger: Extremely flammable R-phrases:

S-phrases:

23.c Do not breathe spray.

56 Dispose of this material and its container to hazardous or special waste collection point.

46 If swallowed, seek medical advice immediately and show this container or label.

51 Use only in well-ventilated areas. Additions:

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. Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible. Observe restrictions: Yes

Observe incident regulations.

Observe youth employment law (German regulation).

Observe restrictive guidelines 76/769/EEC, 1999/51/EC, 1999/77/EC VOC 1999/13/EC 14% w/w

VOC-CH 0,0545 kg (400 ml)



16. Other information

These details refer to the product as it is delivered.

Revised points: 2, 3, 4, 8, 9, 11, 12, 15, 16

The following phrases represent the prescribed R-phrases / H-phrases (GHS/CLP) for the ingredients (designated in point 3).

11 Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

64 May cause harm to breastfed babies.

50 Very toxic to aquatic organisms.

53 May cause long-term adverse effects in the aquatic environment.

12 Extremely flammable.

Legend

These details refer to the product as it is delivered.

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