



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Motor Kaltreiniger

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

Product name

Motor Kaltreiniger

Use of the substance / preparation

Car Care

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.

When using: development of explosive vapour/air mixture possible. Danger of bursting (explosion) when heated Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness andizziness.

To the environment

See point 12.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

03. Hazard identification

Chemical content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	
Methylbenzene			
10-20%	Xn/F	11-38-48-63-65-67	108-88-3

04. First-aid measures

4.1 Inhalation

Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms. If the person is unconscious, place in a stable side position and consult a doctor. Respiratory arrest - Artificial respiration apparatus necessary. Symptoms: Fatigue Coordination disorders

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary. Consult medical specialist. Symptoms: Watering eyes Irritation of the eyes

4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor. Symptoms: Irritation of the skin.



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04. First-aid measures

4.4 Ingestion

Immediate admittance to a hospital. Symptoms: Headaches Nausea

4.5 Special resources necessary for first aid

n.c.

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

High volume water jet

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; Oxides of sulphur; Oxides of nitrogen; Toxic pyrolysis products; Danger of explosion by prolonged heating; Explosive vapour/air mixture. In case of spreading near the ground, flashback to distance sources of ignition is possible.

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

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. Active substance: Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13. Only from a specialist.

07. Handling and storage

7.1 Handling

Tips for safe handling:

See point 6.1

Ensure good ventilation. Do not use the product in enclosed spaces. Keep away from sources of ignition - Do not smoke. Do not use on hot surfaces. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Wash hands before breaks and at end of work. Observe directions on label and instructions for use. Use working methods according to operating instructions.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells. Store product closed and only in original packing. Observe special regulations for aerosols!

Special storage conditions:

See point 10

Keep protected from direct sunlight and temperatures over 50°C. Store in a well ventilated place. Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

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08. Exposure controls/personal protection

Chemical Name	Methylbenzene		content%: 30-50
WEL-TWA: 300 mg/m ³ (AGW)		WEL-STEL: 2 (II) (AGW)	---
BMGV: ---			Other informations: ---

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. General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs.

Respiratory protection: If OES or MEL is exceeded. Filter A2 P2 (EN 14387) At high concentrations:

Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138) Hand protection: Protective nitrile gloves (EN 374)

Permeation time (penetration time) in minutes: > 240 Protective hand cream recommended. Eye protection: Tight fitting protective goggles with side protection (EN 166). Skin protection: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments) According to operation. 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.



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09. Physical and chemical properties

Physical state:	Aerosol
Substance:	Liquid
Colour:	Light yellow
Odour:	Characteristic
pH-value undiluted:	Not detected
Boiling point/boiling range (°C):	Not detected
Melting point/melting range (°C):	Not detected
Flash point (°C):	- 60
Ignition temperature:	510°C
Oxidising properties:	No
Minimum limit of explosion:	1,4 Vol%
Maximum limit of explosion:	32 Vol%
Product is not explosive.	
Possible build up of explosive/highly flammable vapour/air mixture.	
Vapour pressure:	Vapours heavier than air.
Density (g/ml):	3300 hPa
Water solubility:	Insoluble
Vapour density (air = 1):	0,70
Viscosity:	n.a.

10. Stability and reactivity

Conditions to avoid
See point 7
Stable when handled and stored correctly. Pressure increase will result in danger of bursting. Heating, open flame, ignition sources
Materials to avoid
See point 7
Avoid contact with oxidizing agents.
Hazardous decomposition products
See point 5.3
No decomposition when used as directed.

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): See point 15
Eye contact: n.av.
Delayed and chronic effects
Sensitization: n.c.
Carcinogenicity: n.c.
Mutagenicity: n.c.
Reproductive toxicity: n.c.
Narcosis: Possible
Further information
Classification according to calculation procedure.
The following may occur:
Irritation of the eyes; Irritation of the respiratory tract; Coughing; Headaches; Effects/damages the central nervous system;
With long-term contact:
Dermatitis (skin inflammation);
Product removes fat.

12. Ecological information

Water hazard class (Germany):2 Self classification:Yes (VwVWS) Persistence and degradability: Readily biodegradable * Photochemical decomposition in the atmosphere.* 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:See point 2. Ecological toxicity:n.av. Accumulation: Concentration in organisms possible. ** Naphtha (petroleum), hydrodesulfurized heavy

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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 14 06 03 other solvents and solvent mixes Recommendation: Pay attention to local and national official regulations E.g. suitable incineration plant. 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 Recommendation: Do not perforate, cut up or weld uncleaned container. 15 01 04 metallic packaging 15 01 10 packaging containing residues of or contaminated by dangerous substances

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

Tunnel restriction code: D

Transport by sea

IMDG-code: 2.1/- (class/packing group)

EmS: F-D, S-U

Marine Pollutant: Yes

AEROSOLS (NAPHTHA (PETROLEUM))

Transport by air

IATA: 2.1/-/- (class/secondary danger/packing group)

Aerosols, flammable

Additional information:

Danger code and packing code on request.



15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Xn/F

Indications of danger:

highly flammable

harmful

R-phrases:

S-phrases:

23.f Do not breathe vapour/spray.

29/35 Do not empty into drains; dispose of this material and its container in a safe way.

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

51 Use only in well-ventilated areas.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

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 youth employment law (German regulation).

Observe restrictive guidelines 76/769/EEC, 1999/51/EC, 1999/77/EC

Observe incident regulations.

VOC 1999/13/EC 97,2% w/w



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16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany): 2 B;

Revised points: 14;

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

11 Highly flammable

38 Irritating to skin

48 Danger of serious damage to health by prolonged exposure

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

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.