



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Power Steering

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

Product name

Power Steering

Use of the substance / preparation

Lubricant

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 not classified as hazardous in the sense of directive 1999/45/EC.

To the environment

See point 12.

Product can compose a film on the water surface, which can prevent oxygen exchange. Hydrocarbons can be harmful to water. Endangerment of potable water possible.

03. Hazard identification

04. First-aid measures

4.1 Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

4.2 Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.3 Skin contact

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

4.4 Ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately. In case of vomiting, keep head low so that the stomach content does not reach the lungs.

4.5 Special resources necessary for first aid

n.c.



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05. Fire-fighting measures

- 5.1 Suitable extinguishing media
CO2; Foam; Dry extinguisher; Water jet spray; 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; Toxic pyrolysis products.; Flammable vapour/air mixtures.
- 5.4 Special protective equipment for fire-fighters
In case of fire and/or explosion do not breathe fumes. 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
Ensure sufficient supply of air. Remove possible causes of ignition - do not smoke. Avoid contact with eyes or skin. If applicable, caution - risk of slipping.
- 6.2 Environmental precautions
If leakage occurs, dam up. Prevent from entering drainage system. Inform the competent authorities when water or canalisation has been infiltrated. If accidental entry into drainage system occurs, inform responsible authorities.
- 6.3 Methods for cleaning up
Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr) and dispose of according to point 13. Oil binder Do not wash away with water or watery cleaning agents.

07. Handling and storage

- 7.1 Handling
Tips for safe handling:
See point 6.1
Ensure good ventilation. Avoid contact with eyes or skin. Do not carry cleaning cloths soaked in product in trouser pockets. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Do not heat to temperatures close to flash point. Observe directions on label and instructions for use.
- 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.
Special storage conditions:
See point 10
Protect against moisture and store closed. Protect from direct sunlight and warming.

08. Exposure controls/personal protection

Chemical Name	Oil mist, mineral	content%:
WEL-TWA: 5 mg/m ³ (ACGIH)	WEL-STEL: 10 mg/m ³ (ACGIH)	---
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.



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08. Exposure controls/personal protection

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: Normally not necessary. With oil mist formation Filter A2 P2 (EN 14387)

Observe wearing time limitations for respiratory protection equipment. Hand protection: Chemical resistant protective gloves (EN 374). If applicable Protective Neopren gloves (EN 374). Protective nitrile gloves (EN 374)

Protective PVC gloves (EN 374) Protective hand cream recommended. Eye protection: Tight fitting protective goggles (EN 166) with side protection, with danger of projections. Skin protection: Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

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:	Liquid
Colour:	Light brown
Odour:	Characteristic
10 % pH-value:	n.av.
Boiling point/boiling range (°C):	n.av.
Melting point/melting range (°C):	-32 - -26 (PP)
Flash point (°C):	140-160
Autoflammability:	n.c.
Minimum limit of explosion:	n.a.
Maximum limit of explosion:	n.a.
Vapour pressure:	n.c.
Density (g/ml):	0,860
Water solubility:	Insoluble
Viscosity:	10-15 mm ² /s (40°C), 2,7-3,3 mm ² /s (100°C)

10. Stability and reactivity

Conditions to avoid

See point 7

Stable when handled and stored correctly. Heating, open flame, ignition sources

Materials to avoid

See point 7

Avoid contact with strong oxidizing agents.

Hazardous decomposition products

See point 5.3

No decomposition when used as directed.



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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

The product was not tested. Classification according to calculation procedure. The following may occur:

Irritation of the eyes With long-term contact: Drying of the skin. Dermatitis (skin inflammation) On vapour

formation: Irritation of the respiratory tract Ingestion: NauseaGastrointestinal disturbances Vomiting Danger of aspiration. Oedema of the lungs

12. Ecological information

The product was not tested.

Water hazard class (Germany): 1

Self classification: Yes (VwVwS)

Persistence and degradability:

Hardly biodegradable

Behaviour in sewage plants: Isolate as much as possible with an oil separator

According to the recipe, contains no AOX.

Aquatic toxicity:

Ecological toxicity: n.av.

Accumulation: n.av.

Concentration in organisms possible.

13. Disposal considerations

13.1. for the material / preparation / residue

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of. 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) 13 01 10 mineral based non-chlorinated hydraulic oils Recommendation: Pay attention to local and national official regulations E.g. dispose at suitable refuse site. E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations 15 01 01 paper and cardboard packaging 15 01 02 plastic packaging 15 01 04 metallic packaging Empty container completely. Uncontaminated packaging can be recycled. Dispose of packaging that cannot be cleaned in the same manner as the substance.

14. Transport information

General statements

UN-Number: n.a.

Road/Rail-transport (ADR/RID)

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

Transport by sea

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

Transport by air

IATA: n.a. (class/secondary danger/packing group)

Additional information:

Non-dangerous material according to Transport Regulations.



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15. Regulatory information

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

Symbols:	Not applicable
Indications of danger:	---
R-phrases:	
S-phrases:	
Additions:	n.a.
Observe restrictions:	n.a.

16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany):	10
Revised points:	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 16

Legend

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.