



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Motor Cleaner

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

Product name

Motor Cleaner

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

Classification of the substance or mixture

Classification according to Directive 67/548/EEC or Directive 999/45/EC

C; Corrosive R34: Causes burns.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

Label elements

Labelling according to EU guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

Code letter and hazard designation of product:

C Corrosive

Risk phrases:

34 Causes burns.

Safety phrases:

1/2 Keep locked up and out of the reach of children. 23 Do not breathe fumes/aerosol. 24/25 Avoid contact with skin and eyes. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. 36/37/39 Wear suitable protective clothing, gloves and eye/face protection. 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). 64 If swallowed, rinse mouth with water (only if the person is conscious).

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

03. Hazard identification

Chemical characterization: Mixtures

Description:

Mixture of the substances listed below with harmless additions.



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Motor Cleaner

03. Hazard identification

Chemical content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	
2- (2- butoxyethoxy) ethanol			
2,5-10	Xi	R36	203-961-6
Tetraptassiumdiphosphate			
2,5-10	Xi	R36	230-785-7
Oxoalcohol C13 ethoxilate with 5-9 mole			
2,5-10	Xn, Xi	R22, R41	
sodium hydroxide			
<2,5	C	R35	215-185-5

04. First-aid measures

- Description of first aid measures
- General information
Instantly remove any clothing soiled by the product.
- After inhalation
In case of unconsciousness bring patient into stable side position for transport.
- After skin contact
Instantly wash with water and soap and rinse thoroughly. Instantly rinse with water.
- After eye contact
Rinse opened eye for several minutes under running water. Then consult doctor.
- After swallowing
Drink copious amounts of water and provide fresh air. Instantly call for doctor.

05. Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents
CO₂, extinguishing powder or water jet. Fight larger fires with waterjet or alcohol-resistant foam.
- Advice for firefighters
- Protective equipment: No special measures required.

06. Accidental release measures

- Personal precautions, protective equipment and emergency procedures
Not required.
- Environmental precautions:
Do not allow product to reach sewage system or water bodies. Dilute with much water.
- Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.
- Reference to other sections
See Section 8 for information on personal protection equipment.



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Motor Cleaner

07. Handling and storage

- Handling
 - Precautions for safe handling
- Keep containers tightly sealed. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- Information about protection against explosions and fires:
No special measures required.
 - Conditions for safe storage, including any incompatibilities
 - Storage
 - Requirements to be met by storerooms and containers:
Bestimmungen gemäß Wasserhaushaltsgesetz beachten.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: Keep container tightly sealed.

08. Exposure controls/personal protection

- Additional information about design of technical systems:
No further data; see item 7.
 - Control parameters
 - Components with critical values that require monitoring at the workplace:
112-34-5 2-(2-butoxyethoxy)ethanol
- IOELV (European Union)
WEL (Great Britain)
- | | | |
|-------------------|-------------------------|--------|
| Short-term value: | 101.2 mg/m ³ | 15 ppm |
| Long-term value: | 67.5 mg/m ³ | 10 ppm |
| Short-term value: | 101.2 mg/m ³ | 15 ppm |
| Long-term value: | 67.5 mg/m ³ | 10 ppm |
- Additional information:
The lists that were valid during the compilation were used as basis.
 - Exposure controls
 - Personal protective equipment
 - General protective and hygienic measures
Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin.
BG-Regeln beachten.
 - Breathing equipment:
In case of brief exposure or low pollution use breathing filterapparatus. In case of intensive or longer exposure use breathingapparatus that is independent of circulating air.
 - Protection of hands: Alkaline resistant gloves
 - Material of gloves Nitrile rubber, NBR
 - Penetration time of glove material
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - Eye protection: Tightly sealed safety glasses.

09. Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
Form: Fluid
Colour: Colourless
Smell: Mild
- pH-value (100 g/l) at 20°C: 12
- Change in condition
- Melting point/Melting range: Not determined
- Boiling point/Boiling range: 100°C
- Flash point: Not applicable
- Ignition temperature: 225°C
- Self-inflammability: Product is not selfigniting.
- Danger of explosion: Product is not explosive.
- Steam pressure at 20°C: 23 hPa
- Density at 20°C: 1.04 g/cm³
- Solubility in / Miscibility with
Water: Fully miscible
- Solvent content:
Organic solvents: 5.0 % Water: 85.2 % Solids content: 6.2 %



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Motor Cleaner

10. Stability and reactivity

- Reactivity
- Chemical stability
- Conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known
- Hazardous decomposition products: None

11. Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
 - on the skin: Caustic effect on skin and mucous membranes.
 - on the eye: Strong caustic effect.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Corrosive Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12. Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Additional ecological information:
- General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water. 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. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralized. Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

13. Disposal considerations

- Waste treatment methods
- Recommendation
- Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleaning agent: Water, if necessary with cleaning agent.

14. Transport information

- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)
- ADR/RID-GGVS/E Class: 8 Corrosive substances.
- Kemler Number: 80
- UN-Number: 1824
- Packaging group: III
- Label: 8
- UN proper shipping name: 1824 NATRIUMHYDROXIDLÖSUNG, Gemisch
- Limited quantities (LQ): LQ7
- Transport category: 3
- Tunnel restriction code: E
- Maritime transport IMDG/GGVSea:
- IMDG/GGVSea Class: 8
- UN Number: 1824
- Label: 8
- Packaging group: III
- EMS Number: F-A,S-B



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Motor Cleaner

14. Transport information

· Marine pollutant:	No
· Segregation groups	Alkalis
· Correct technical name:	SODIUM HYDROXIDE SOLUTION, mixture
· Air transport ICAO-TI and IATA-DGR:	
· ICAO/IATA Class:	8
· UN/ID Number:	1824
· Label	8
· Packaging group:	III
· Correct technical name:	SODIUM HYDROXIDE SOLUTION, mixture
· Special precautions for user Warning:	Corrosive substances.

15. Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- Technical instructions (air):
Class Share in %
Wasser 85.2; NK 5.0
- Water hazard class:
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Other regulations, limitations and prohibitive regulations
BGR 190 (Regeln für den Einsatz von Atemschutzgeräten)
BGR 192 (Regeln für den Einsatz von Augen- und Gesichtsschutz)
BGR 195 (Regeln für den Einsatz von Schutzhandschuhen)
- Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

16. Other information

- These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- Relevant phrases
R22 Harmful if swallowed.
R35 Causes severe burns.
R36 Irritating to eyes.
R41 Risk of serious damage to eyes.
 - Department issuing data specification sheet: Abt. Produktsicherheit
 - Contact: Dr. Thomas Meyer