

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

ProLine Motorspülung 500ML

Art.: 2427

Use of the substance/preparation

Cleaner

Company/undertaking identification

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Emergency telephone

Advisory office in case of poisoning:

Tel.:

Telephone number of the company in case of emergencies:

Tel. (+49) 0731-1420-0

2. HAZARDS IDENTIFICATION

To people

See point 11 and 15.

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

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

May cause sensitization by skin contact.

Repeated exposure may cause skin dryness or cracking.

To the environment

See point 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
content %	Symbol Registration number (ECHA)	R-phrases DNEL	EINECS, ELINCS PNEC
Naphtha (petroleum), hydrodesulfurized heavy			
60 - 80	Xn	65-66	265-185-4
long-chained alkylated calcium aryl sulfonate			
1 - 5	---	43-53	271-877-7 + 290-636-7
polyolefin polyamine succinimide			
1 - 5		53	
Zinc dialkyl dithiophosphate			
1 - 5	Xi	36/38	

For complete wording of the R-phrases, refer to point 16.

4. 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

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.

Danger of aspiration.

Give water to drink.

4.5 Special resources necessary for first aid

Indications for the physician:

Symptomatic treatment

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

CO₂

Extinction powder

Foam

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

Hydrocarbons

Toxic pyrolysis products.

Flammable vapour/air mixtures.

Dangerous vapours heavier than air.

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.

6. ACCIDENTAL RELEASE MEASURES

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

6.1 Personal precautions

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

If applicable, caution - risk of slipping.

Do not carry cleaning cloths soaked in product in trouser pockets.

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.

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6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

7. HANDLING AND STORAGE

7.1 Handling

Tips for safe handling:

See point 6.1
 Ensure good ventilation.
 Keep away from sources of ignition - Do not smoke.
 Do not heat to temperatures close to flash point.
 Take measures against electrostatic charging, if appropriate.
 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:

Store products only unopened, in original packing.
 Not to be stored in gangways or stair wells.
 Solvent resistant floor
 Do not store with oxidizing agents.

Special storage conditions:

See point 10
 Store in a well ventilated place.
 Protect from direct sunlight and warming.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Chemical Name	Naphtha (petroleum), hydrodesulfurized heavy		
WEL-TWA: ** 70 ppm (350 mg/m ³) (AGW)	WEL-STEL: ** 4 (AGW)		---
BMGV: ---		Other information: ---	
Chemical Name	Oil mist, mineral		
WEL-TWA: 5 mg/m ³ (ACGIH)	WEL-STEL: 10 mg/m ³ (ACGIH)		---
BMGV: ---		Other information: ---	

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.
 Filter A2 P2 (EN 141)
 Hand protection:
 Solvent resistant protective gloves (EN 374).
 If applicable
 Protective nitrile 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Brown
Odour:	Characteristic
pH-value undiluted:	n.a.
Boiling point/boiling range (°C):	Not specified
Melting point/melting range (°C):	Not detected
Flash point (°C):	63
Ignition temperature:	> 200°C (DIN 51794) *
Oxidising properties:	No
Minimum limit of explosion:	0,6 Vol% *
Maximum limit of explosion:	7,0 Vol% *
Vapour pressure:	Not detected
Density (g/ml):	0,822 (20°C)
Water solubility:	Insoluble
Vapour density (air = 1):	Vapours heavier than air.
Viscosity:	11,6 mm ² /sec (40°C)

* Naphtha (petroleum), hydrodesulfurized heavy

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7

Stable when handled and stored correctly.

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.

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:	Yes (skin contact)
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

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Classification according to calculation procedure.
 With long-term contact:
 Nausea
 Dizziness
 Product removes fat
 Drying of the skin.
 Dermatitis (skin inflammation)

12. ECOLOGICAL INFORMATION

Water hazard class (Germany):	2
Self classification:	Yes (VwVwS)
Persistence and degradability:	
Readily biodegradable *	
Behaviour in sewage plants:	Problems not expected when used correctly.
According to the recipe, contains no AOX.	
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
Accumulation:	
Concentration in organisms possible. *	
* Naphtha (petroleum), hydrodesulfurized heavy	

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)
 07 07 04 other organic solvents, washing liquids and mother liquors

Recommendation:

Pay attention to local and national official regulations
 Implement substance recycling.
 E.g. suitable incineration plant.
 Approved rubbish dump for special refuse

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations
 Empty container completely.
 Untaminated 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: 3082

Road/Rail-transport (ADR/RID)

Class/packing group: n.a.
 Classification code: n.a.
 LQ: n.a.

Transport by sea

IMDG-code: 9/III (class/packing group)
 EmS: F-A, S-F
 Marine Pollutant: Yes
 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKYL (C3-C5) BENZENE)
 Limited Quantities



Transport by air

IATA: 9/-/III (class/secondary danger/packing group)
 Environmentally hazardous substance, liquid, n.o.s. (ALKYL (C3-C5) BENZENE)

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: Xi

Indications of danger:

Irritant

R-phrases:

43 May cause sensitization by skin contact.

66 Repeated exposure may cause skin dryness or cracking.

S-phrases:

(2) Keep out of the reach of children.

24 Avoid contact with skin.

37 Wear suitable gloves.

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

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

Additions:

long-chained alkylated calcium aryl sulfonate

Observe restrictions: Yes

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

Observe youth employment law (German regulation).

VOC 1999/13/EC 73% w/w

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 3 B

Revised points: 1 - 16

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2).

65 Harmful: may cause lung damage if swallowed.

65 Also harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

43 May cause sensitization by skin contact.

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

36/38 Irritating to eyes and skin.

Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

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

Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are

not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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