

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Pflegekraft
Revision date : 30.01.2018
Print date : 01.07.2019

Version (Revision) : 2.1.0 (2.0.0)

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Pflegekraft

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

multifunction oil

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

CW Cleaning Solutions
Inh. Sachin Kumar

Street : Im Zollhafen 18

Postal code/city : 50678 Köln

Telephone : 0221 967 16507

Information contact : info@cyclewash.de

1.4 Emergency telephone number

0221 650 605 32 during normal office hours

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

2.2 Label elements

None

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

None

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

In case of respiratory tract irritation, consult a physician. Remove casualty to fresh air and keep warm and at rest.

In case of skin contact

P352 - Wash with plenty of soap and water. In case of skin irritation, consult a physician.

After eye contact

P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Call a physician in any case!

4.2 Most important symptoms and effects, both acute and delayed

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- None
- 4.3 **Indication of any immediate medical attention and special treatment needed**
None

SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
Suitable extinguishing media
Water spray jet Carbon dioxide (CO₂) Nitrogen Sand Extinguishing powder Foam
Unsuitable extinguishing media
Full water jet
- 5.2 **Special hazards arising from the substance or mixture**
Do not inhale explosion and combustion gases.
Carbon monoxide Carbon dioxide (CO₂)
- 5.3 **Advice for firefighters**
Cool endangered containers with water in case of fire. Move undamaged containers from immediate hazard area if it can be done safely.
Special protective equipment for firefighters
Wear a self-contained breathing apparatus and chemical protective clothing.
- 5.4 **Additional information**
None

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
Use personal protection equipment. Remove ignition sources.
- 6.2 **Environmental precautions**
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.
- 6.3 **Methods and material for containment and cleaning up**
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.
- 6.4 **Reference to other sections**
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
Keep container tightly closed. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- 7.2 **Conditions for safe storage, including any incompatibilities**
Ensure adequate ventilation of the storage area.
Hints on joint storage
Storage class (TRGS 510) : 10
Do not store together with
Food and feedingstuffs 14 - Keep in a cool place away from acids. Oxidizing agent
- 7.3 **Specific end use(s)**
Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

DNEL/DMEL and PNEC values

DNEL/DMEL

Limit value type :	DNEL worker (systemic)
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)
Limit value :	160 mg/m ³
Safety factor :	8 h
Limit value type :	DNEL worker (systemic)
Exposure route :	Dermal
Exposure frequency :	Long-term (repeated)
Limit value :	220 mg/kg
Safety factor :	8 h

8.2 Exposure controls

Personal protection equipment

Eye/face protection



Wear suitable safety goggles in case of splash.

Suitable eye protection

EN 166.

Skin protection

Hand protection



Wear protective gloves in case of longer lasting skin contact.

Suitable gloves type : EN ISO 374

Suitable material : Butyl caoutchouc (butyl rubber)

Breakthrough time (maximum wearing time) : 480 min.

Thickness of the glove material : 0.3 mm.

Remark : The exact break trough time has to be requested from the protective glove manufacturer and limits has to be ensured.

General health and safety measures

Do not put any product-impregnated cleaning rags into your trouser pockets. Remove contaminated, saturated clothing. When using do not eat, drink, smoke, sniff.

8.3 Additional information

No tests have been performed. Selection made for preparations according to the best available knowledge and information on ingredients. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Liquid

Colour : clear

Odour : characteristic

Safety relevant basis data

Initial boiling point and boiling range (1013 hPa) : approx. 220 - 800 °C

Flash point : approx. 200 °C

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Lower explosion limit :				not applicable
Upper explosion limit :				not applicable
Density :	(20 °C)	approx.	0,853	g/cm ³
pH :				not applicable
Cinematic viscosity :	(40 °C)	approx.	22	mm ² /s
Maximum VOC content (EC) :			0	Wt %
Maximum VOC content (Switzerland) :			0	Wt %

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactions with strong oxidants are expected. Peroxides can be produced.

10.2 Chemical stability

Thermal stability: at normal atmospheric pressure fully distillable

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Oxidising agent, strong.

10.6 Hazardous decomposition products

Carbon monoxide Carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg

Acute dermal toxicity

Parameter :	LD50
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg

Acute inhalation toxicity

Parameter :	LC50
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 5000 mg/m ³
Exposure time :	4 h

11.2 Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

11.3 Other adverse effects

None

11.4 Additional information

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50
Species : Leuciscus idus (golden orfe)
Effective dose : > 1000 mg/l
Exposure time : 96 h
Method : OECD 203

Parameter : LC50
Species : Daphnia magna (Big water flea)
Effective dose : > 100 mg/l
Exposure time : 48 h
Method : OECD 202

12.2 Persistence and degradability

Biodegradation

Parameter : Biodegradation
Inoculum : Biodegradation
Degradation rate : 31,3 %
Test duration : 28 D
Method : OECD 301F

Additional information

Biodegradable.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

13.1 Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal.

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils.

Waste code packaging

15 01 02 - plastic packaging.

13.2 Additional information

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

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- 14.1 UN number**
No dangerous good in sense of these transport regulations.
- 14.2 UN proper shipping name**
No dangerous good in sense of these transport regulations.
- 14.3 Transport hazard class(es)**
No dangerous good in sense of these transport regulations.
- 14.4 Packing group**
No dangerous good in sense of these transport regulations.
- 14.5 Environmental hazards**
No dangerous good in sense of these transport regulations.
- 14.6 Special precautions for user**
None

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
National regulations
Water hazard class (WGK)
Classification according to VwVwS - Class : 1 (Slightly hazardous to water)
- 15.2 Chemical safety assessment**
For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

- 16.1 Indication of changes**
02. Label elements
- 16.2 Abbreviations and acronyms**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europäisches Übereinkommen über die Beförderung gefährlicher Güter auf der Straße)
AOX: adsorbierbare organisch gebundene Halogene
AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen
CAS: Chemical Abstracts Service (Unterabteilung der American Chemical Society)
CLP: Verordnung (EG) Nr. 1272/2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (Classification Labelling and Packaging)
EAK / AVV: europäischer Abfallartenkatalog / Abfallverzeichnis-Verordnung
ECHA: Europäische Chemikalienagentur (European Chemicals Agency)
EINECS: : Altstoffverzeichnis (European Inventory of Existing Commercial Chemical Substances)
GHS: Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien (Globally Harmonized System of Classification and Labelling of Chemicals)
IATA: Internationale Luftverkehrs-Vereinigung (International Air Transport Association)
ICAO: Internationale Zivilluftfahrtorganisation (International Civil Aviation Organization)
IMDG: Gefahrgutkennzeichnung für gefährliche Güter im Seeschiffverkehr (International Maritime Code for Dangerous Goods)
RID: Regelung zur internationalen Beförderung gefährlicher Güter im Schienenverkehr (Règlement concernant le transport international ferroviaire de marchandises dangereuses)
TRGS: Technische Regel für den Umgang mit Gefahrstoffen
VbF: Verordnung über brennbare Flüssigkeiten
VOC: flüchtige organische Verbindung (volatile organic compound)
VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe
WGK: Wassergefährdungsklasse
- 16.3 Key literature references and sources for data**
None
- 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No**

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1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
