

Safety data sheet according to regulation (EU) 1907/2006

Trade name : FRIATEC Pflegespray (Care Spray)

Prepared: 17 May 2010 Version : 1.0

Date of print 27. Mai 2010

FRIATOOLS

01. Identification of the substance / preparation and company

Trade name

FRIATEC Pflegespray (Care Spray)

Use of the substance / preparation

Oil care spray
Special care spray / maintenance spray for tools

Manufacturer / supplier

FRIATEC AG
Steinzeugstr. 50

68229 Mannheim, Germany

Phone +49 (0)621 486-0
Fax +49 (0)621 486-1279

Emergency telephone

outside business hours:
(Beratungsstelle für Vergiftungserscheinungen, Berlin (Poison Control Center))
Telephone: +49 (0)30 19240

Contact

Phone +49 (0)621 486-1533
Fax +49 (0)621 486-2030

Email address of the qualified person for safety data sheets:

info-friatools@friatec.de

02. Possible hazards

Hazards identification

No hazards when properly used

Harmful: may cause lung damage if swallowed. Repeated contact may result in brittle or cracked skin.

Particular hazards for men and environment

Hazardous to waters – Do not allow product to reach ground, sewage system, surface water or ground water

Physical-chemical hazards

No special ignition or explosion hazard given proper use

Additional notes

The preparation is not hazardous in the sense of the regulation 1999/45/EU as last amended

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03. Composition / information on ingredients

Chemical characterisation

Turpentine in spindle oil

Hazardous ingredients

TURPENTINE OIL CAS No.: 8006-64-2

Percentage: 15 - 20 %



Xn



R-Phrases

R 10, R20/21/22-65 R36/38, R43, R51/53

For the full text of the R-Prases, please see Chapter 16.

04. First aid measures

General notes

If symptoms occur or in cases of doubt, seek medical advice and present the data safety sheet.

After inhalation

The inhalation of vapours, mist or aerosols may cause irritations of the upper respiratory tract. Move the exposed person to fresh air.

After skin contact

Clean with water and soap, rinse off. Do not use any solvents or dilutions! Remove contaminated or moist clothing.

After eye contact

Flush with plenty of water (10 – 15 min.), then consult a physician.

After swallowing

Keep the exposed person calm. Do not induce vomiting. If swallowed seek medical advice immediately and show container or label.

05. Fire-fighting measures

Suitable extinguishing media

Sand, foam, CO₂, powder.

Extinguishing media which must not be used for safety reasons

Full water spray jet.

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Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases

In case of fire, the following can be released: carbon monoxide, carbon dioxide.

Special protective equipment for fire-fighters

Use self-contained breathing apparatus.

Additional notes

In case of fire, cool containers at risk with water.

06. Accidental release measures

Personal precautions

Observe protection regulations (see Chapters 7 and 8). Keep away from ignition sources and ventilate room well because of the percentage of organic solvents.

Environmental precautions

Do not empty into drains. In case of contamination of rivers, lakes or sewage systems, inform the relevant competent authorities according to local laws.

Methods for cleaning up / collection

Contain spilled material with incombustible absorbent material (e.g. sand, soil, diatomaceous earth, vermiculite) and collect in the designated containers according to local regulations (see Chapter 13). Clean preferably with cleaning agents, do not use organic solvents, if possible.

07. Handling and storage:

Information for safe handling

Avoid the formation of inflammable and explosive solvent vapours in air and exceeding the MAC limit values. Only use the material at places where open light, fire and other ignition sources are kept away. Do not use at temperatures above 45°C. Observe the statutory protection and safety regulations.

Information about protection against explosions and fire

Keep away from ignition sources, do not smoke.

Ignition group G3

Temperature class T3

Requirements to be met by storerooms and containers

Thoroughly close opened containers and store upright to prevent any release. Cool storage, protect against heat and direct sun exposure. Do not store in the break or recreation room. Only keep in original container or in containers recommended by the manufacturer. Keep out of the reach of children.

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Information about storage in one common storage facility

Keep away from strongly acidic and alkaline material as well as oxidants. Do not store together with food and feeding stuff.

Further information about storage conditions

Always keep the container corresponding to the original container. Observe the notes on the label. Protect against heat and direct sun exposure. Store in a dry and well-ventilated place.

Storage class VCI: 3B

Specific uses

Cleaning and care of tools.

08. Limiting and exposure controls / personal protection

Additional information about design of technical systems

Provide for good ventilation.

Ingredients with limit values that require monitoring at the workplace

None

Personal protective equipment

General protective and hygienic measures

Avoid contact with the eyes and the skin or clothing. Do not eat, drink or smoke during work. Wash hands before breaks and at end of work.

Respiratory protection

None required, however, avoid breathing in of vapours.

Hand protection

Protective gloves made of PVC or rubber.
After washing hands, replace lost lipids by using fatty ointments.

Eye protection

None required, however, avoid contact with eyes.

09. Physical and chemical properties

Appearance

Physical state: liquid
Colour: transparent
Odour: mild

Important safety information

Boiling point/range:	approx. 149°C (1013 hPa)	organ. ingredients
Flash point (DIN EN ISO 2719):	62°C	
Ignition temperature:	approx. 220°C	organ. ingredients
Lower explosive limit:	0.7 vol%	organ. ingredients
Upper explosive limit:	6 vol%	organ. ingredients

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Vapour pressure:	(50°C) approx. 10hPa	organ. ingredients
Density:	(20°C) approx. 0.882g/cm ³	
Solubility in water:	(20°C) insoluble	
Viscosity, kinematic:	(20°C) approx. 19cSt/40°	
Solvent separation test:	(20°C) not applicable	

10. Stability and reactivity

Conditions to avoid

Stable when applying the recommended regulations on storage and handling (see Chapter 7).

Materials to avoid

Keep away from strongly acidic and alkaline material as well as oxidants to prevent exothermic reactions.

Hazardous decomposition products

Hazardous decomposition products such as e.g. carbon dioxide, carbon monoxide, smoke, nitrogen oxide may be formed at high temperatures.

Further information

No hazardous reactions known.

11. Toxicological information

Toxicological tests

There is no information available about the preparation.

Experience from practice

Headaches, vertigo, nausea etc. may occur when high vapour concentrations are inhaled for a longer time.

In case of skin contact

Frequent and long skin contact may cause irritation and inflammation of the skin.

In case of contact with the product, there exists the risk of skin resorption as well as irritation of skin and mucous membranes.

In case of eye contact:

Irritation

Additional toxicological information

The toxicological classification of the product was based on the results of the calculation method of the EU regulation 88/379/EU and correspondingly classified.

12. Ecological information

General notes on ecology

Prevent that the product reaches ground, waters and sewage system.

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13. Disposal considerations

Substance / preparation

Recommendation for waste disposal

Must be disposed of in a suitable combustor complying with local regulatory regulations.

Waste code

Waste code according to hazardous waste list ordinance
Non-chlorinated machine, gear and lubricating oils on mineral oil basis
AVV 150110*

Uncleaned packagings

Recommendation

Only recycle containers empty and adequately cleaned.
Containers with residues are to be disposed of like the substance.

Waste code

Packagings containing residues of hazardous substances or are contaminated by hazardous substances
AVV 150110*

14. Transport information

No hazardous good in the sense of the listed transport regulations.

Land transport road (ADR)/railway (RID)

Inland water transport (ADN/ADNR)

Transportation by water on vessel IMO/IMDG

Air transport (ICAO and IATA)

15. Regulatory information

Product exempt from labelling requirements

Water hazard class WGK 2 "hazardous to waters"

Hazardous Incident Ordinance: The product is not subject to the Hazardous Incident Ordinance

16. Other information

Safety data sheet according to Article 31 of the REACH regulation 1907/2006/EU

Complete text of the identification and from Chapter 3

Xn Harmful

N Dangerous for the environment

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R-Phrases

- 10 Flammable
- 20/21/ 22 Harmful by inhalation, in contact with skin and if swallowed.
- 36/38 Irritating to eyes and skin.
- 43 May cause sensitization by skin contact.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.

S-Phrases

- 2 Keep out of the reach of children.
- 23.3 Do not breath vapour.
- 24/25 Avoid contact with the eyes and the skin.
- 29 Do not empty into drains.
- 51 Use only in well-ventilated areas.
- 61 Avoid release to the environment. Refer to special instructions / Safety data sheets.
- 62 If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label.

Data sources used to prepare the safety data sheet:

EU regulation 67/548/EU or 99/45/EU as amended

EU regulation 2001/58/EU as amended.

EU regulation 2000/39/EU as amended.

National air limit value lists of the relevant countries as amended.

Transport regulations according to ADR, RID, IMDG, IATA as amended.

Data sources used to determine physical, toxicological and eco-toxicological data are directly stated in the relevant chapters.

Footnote

This data sheet supplements the product data sheet, however, does not replace it. The present data are based on the current state of our knowledge and do not present any representations of product properties. It is pointed out to the user that the use of a product for other than the intended use may involve risks. The information in the safety data sheet do not release the user from the duty to inform himself about and to apply valid regulations on his activity. The user is solely responsible for the required precautionary measures when handling the product. The regulations stated are to assist the user in performing his duties. We assume no liability for faultlessness and completeness. The user himself is responsible for ensuring that he has no further obligations than the obligations stated here.

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