

Product Safety data sheet

in compliance with EC Directive 1907/2006

Date of issue: 06.05.2005

revised on:09.05.2006

1. Substance/preparation and firm name

Trade name: Cyclus tools white grease

Manufacturer/supplier: Nacházel, s.r.o. Tel: + 420 / 222 351 140
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Information can be obtained from: R&D department

2. Potential hazards:

Designation of hazards: When taking the usual precautions in dealing with mineral oil products and observing the instructions on handling (Item 7), the personal protective clothing (Item 8) and the toxicological data (Item 11) no particular hazards are known.
Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments. This information is based on product test data.

3. Composition/constituents

Chemical formulation: (preparation) mixture of highly refined mineral oil and additives (PTFE).

4. First-Aid-Measures:

04.01 general: Change any clothes and shoes soaked with oil. Never put oil saturated cloth into pockets of your clothes.

04.02 after breathing in: No measures required. In case of trouble consult doctor.

04.03 after skin contact: After skin contact clean with water and soap without delay.
If skin irritation lasts consult doctor.

04.04 after eye contact: After eye contact rinse with plenty of water and consult doctor.

04.05 after swallowing: Do not induce vomiting. Consult doctor right away.

04.06 Information for the doctor: In case of swallowing or vomiting danger of penetrating into the lungs.

5. Fire-fighting measures

05.01 Suitable extinguishing media: foam, extinguishing powder, carbon dioxide, sand, soil, water spray jet

05.02 unsuitable extinguishing media due to safety reasons: Full water jet.

05.05 Additional information: Cool down endangered vessels with water spray jet. Fire residue and contaminated extinguishing water have to be disposed of in compliance with the local official regulations.

6. Measures in case of unintended release

- 06.01 Person-related precautions: Use your personal protective clothing. Develops slippery films in contact with water. Particular danger of skidding due to spilled product.
- 06.02 Environmental measures: Prevent from entering into the drainage system/surface water/ground water. Prevent from entering into the subsoil/soil bed. Prevent from dispersing over the surface (eg by checking or oil barriers).
- 06.03 Process for cleaning/absorption:
Small amounts: To absorb with liquid-binding agent (eg oil binding agent).
Large amounts: Prevent any further dispersion.
- 06.04 Additional information: To dispose of the material absorbed in accordance with regulations.

7. Handling and storage

- 07.01.1 Information on the safe handling: Avoid spilling the product. Use only in areas with sufficient air circulation
- 07.01.02 Instructions for fire and explosion protection: Take measures against static charge.
- 07.02.01 Store-room and container requirements:

8. Exposition limitation and personal protective clothing

- 08.1. Additional note for styling of technical plants: Sufficient air circulation has to be ensured.
- 08.03.02 Hand protection: Protective gloves recommended
- 08.03.03 Eye protection: Goggles in case of danger of spraying
- 08.03.04 Body protection: Worker's protective clothes
- 08.03.05.1 general precautions: Avoid breathing in vapours. Avoid prolonged and intensive skin contact. Avoid eye contact.
- 08.03.05.02 Hygienic measures: Do not eat and drink during work. Wash your hands before breaks and after work.

9. Physical and chemical properties

- 09.01.01 Form: Pasty
- 09.01.02 Colour: white
- 09.01.03 Odour: mineral oil like

		Value/range	Unit	Method
09.02.02.01	Flash point	above 300	°C	DIN ISO 22719
09.02.10.01	Density (15°C)	ca. 0.925	g/cm ³	DIN 51757
09.02.11.01	Solubility in water	practically insoluble		
	penetration	ca. 280	1/10 mm	DIN 51580
	dropping point	ca. 250	°C	DIN 51801 T.2
	breaking point	-30	°C	DIN 52012

10. Stability and reactivity

- 10.1 Hazardous reactions: uncleaned empty containers may contain product vapours, that can form explosive mixtures with air. No hazardous reactions known.
- 10.02 Dangerous decomposition products: not any known
- 10.03.01 Thermal decomposition: none if properly stored/handled/transferred

11. Toxicological data

11.01.01	Acute toxicity:	LD/LC 50	Method	Value	Species
			OECD401	>2000 mg/kg	rat
11.03.02	Experiences from practice:	degreasing to the skin			

12. Ecological data

12.01.01	Physicochemical eliminability:	Readily eliminable from water.
12.01.02	Biodegradability:	Low biodegradability. Low aqueous solubility; it may be largely eliminated from water by abiotic processes, e.g. mechanical separation.
12.04.05	General information:	Product is not soluble in water. Avoid ingress into soil, waters and sewerage system. Can be mechanically separated in sewage treatment plants.

13. Disposal

13.01.1	Disposal of product:	After pre-treatment the product must be transported to an approved pollutive waste incinerator taking into account the regulations on pollutive waste.
13.01.2	Disposal of uncleaned packages:	Contaminated packages must be optimally emptied; after cleaning they may be made available for reuse.

14. Transport

No hazardous substance according to the spirit of the transport regulations.

15. Regulations

15.01.01	Identification:	The product is not subject to identification requirements in accordance with EC Directives/Ordinance on Hazardous Substances. S2 - Keep out of the reach of children S20/21 - When using do not eat, drink or smoke
15.02.03	Classification to Ordinance on Combustible Liquids:	
15.02.04	Clean Air Guidelines:	Class III (Appendix E) (own classification)
15.02.05.01	Water endangering classification (WGK):	WGK 1

16. Other information

The data are based on the latest information. They are, however, no warranty of product properties and do not establish any legal relationship under a contract.

- Data sheet issued by: R&D Department
- Contact partner: Ing. Zdenek Nachazel
- Supersedes data-sheet of: 09.05.2006