

1 Identification of the preparation and company			
1.1	Product name and code:	Ruko-Schneidpaste (item no. 578800)	
1.2	Manufacturer / supplier:	WIEDS ECOCHEM AG, Gewerbestraße 1a, D-57258 Freudenberg Telephone: +49 (0)2734 / 2766-0 Telefax +49 (0)2734 / 1659	
1.3	Inquiry division: Laboratory	Telephone: +49 (0)2734 / 2766-21 email: labor@wieds.de	
1.4	Emergency call:	in case of toxic reactions, Berlin; Tel.: +49(0)30 / 19240	
2 Hazards identification			
2.1	Hazard designation:	N/A	
2.2	Information pertaining to particular dangers for man and environment:	N/A.	
3 Composition/Information on ingredients			
3.1	Chemical characterization:	lubricant, mineral oil	
3.2	Hazardous components		
	EINECS-No.	Designation / R text	Symbol Content %
	272-028-3	zinc-dialkyldithiophosphate 36-51/53	Xi, N < 2.5
3.3	Additional information:	Plain text of r-phrases: see chapter 16	
4 First aid measures			
4.1	General information:	If suspicious symptoms are apparent or if in doubt, seek medical advice. In the case of unconsciousness, there should be no oral administration.	
4.2	Inhalation:	N/A	
4.3	Skin contact:	Immediately remove any contaminated clothing. Wash thoroughly any areas of skin which have been in contact with the agent. Use fresh water and soap or recognised skin cleanser. Do not use solvents or diluting agents!	
4.4	Eye contact:	Remove contact lenses, keep eye lids open and rinse for at least 10 minutes with clean running water, or use an eye bath. Seek medical advice.	
4.5	Ingestion:	Get medical assistance immediately. Keep the patient calm. Do not initiate vomiting!	
4.6	Information for the doctor:	Symptomatically treatment.	
5 Fire-fighting measures			
5.1.	Suitable extinguishing media:	The product itself is fire-proof. Select fire extinguishing measures to suit the type of fire which may occur.	
	Unsuitable extinguishing media:	Water jet.	
5.2	Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged:	In the case of fire, toxic pyrolysis products.	
5.3	Special protective equipment for fire fighting:	Breathing mask, if necessary.	
	Additional information:	Any closed containers near the source of the fire should be cooled by spraying with water.	
6 Accidental release measures			
6.1	Personal precautions:	Take care not to slip! Refer to protective measures listed in sections 7 and 8.	
6.2	Environmental precautions:	Prevent product from getting into sewage systems. In the event of contamination of rivers, lakes or drainage channels, advise the competent authorities, in accordance with the applicable local regulations.	
6.3	Methods of cleaning up/collecting:	Prevent any spillage from spreading using a non-inflammable absorbent (e.g. Ecodry, sand, earth, siliceous earth, oil absorbent). Collect it in containers provided for this purpose. Small quantities should be removed using a water jet but do not use solvents.	
7 Handling and storage			
7.1	Information for safe handling:	Observe label precautions. Only apply working methods provided for in the directions for use. Do not eat, drink, smoke or sniff when using the product. Use personal protective equipment as specified in section 8. Observe legal safety regulations. Wash your hands before pauses and after completion of work. Immediately remove any contaminated clothing.	
7.2	Information about protection against explosions and fire:	No special measures necessary.	
7.3	Storage: Requirements concerning storerooms and containers:	Only store the product in the original closed containers. Observe separating instructions. Containers	

which are opened must be carefully resealed and kept upright to prevent leakage.

Information about separation of incompatible products: N/A

- 7.4 Additional information about storage:** Only store the product in the original closed containers. Observe label precautions. Protect against frost.
VCI storage class:

8 Exposure controls and personal protection

8.1 Components with limit values that require monitoring at the workplace:

EINECS No.	Names	Description	Value	Unit
N/A				

Additional information: The above values (AGW) have been taken from TRGS 900 applicable at the time of preparation of this safety specification sheet. Other values (MAK) have been suspended by TRGS 900 from January 1st 2006 with the objective of revision and are named for informational purposes.

8.2 Personal protective equipment

Respiratory protection: N/A

Hand protection: For long-term contact only.

Protective gloves, resistant to chemicals

Use protective gloves made from neoprene, butyl rubber, nitril rubber with a minimum material thickness of 0.5 mm, minimum penetration time > 480 min.

Protective gloves should have been tested for their fitness for the specific case (e.g. mechanical resistance, compatibility with the product). The manufacturer's instructions and information concerning use, storage, care and replacement of protective gloves must be observed. In the case of damage or wear, protective gloves must be immediately replaced.

Operations should be planned so that gloves are not used constantly. It is recommended that skin protection products are used, e.g. Lanfiel A.

Eye protection: Use goggles to protect the eyes against splashes.

Body protection: N/A

8.3 Measures for protection and hygiene:

Wash thoroughly any areas of skin which have been in contact with the agent. Use fresh water and soap or recognised skin cleanser. Do not use solvents or diluting agents!

9 Physical and chemical properties

9.1 Form:	solid	Colour:	brown	Odour:	typical
9.2 Safety-relevant information:	Value/Range	Unit	Method		
Flash point:	>180	°C			
Boiling point/boiling range:	> 100	°C			
Ignition temperature:	N/A				
Lower explosion limit:	N/A	Vol.%			
Upper explosion limit:	N/A	Vol.%			
Steam pressure at 20 °C:	N/A	mbar			Value taken from literature
Density at 20 °C	0.98	g/cm ³			
pH value:	N/A				
Solubility in water:	insoluble				
Viscosity at 23 °C:	N/A	mm ² /s			
Solvent separation test:	< 3	%			according to ADR/RID
Solvent concentration:	0				

10 Stability and reactivity

- 10.1 Conditions to be avoided:** N/A
10.2 Hazardous reactions: Avoid oxidation and reduction products.
10.3 Hazardous decomposition products: No decomposition if product is properly used.

11 Toxicological information

11.1 Experience (on practice)

Other observations:

Experiments carried out in the field of industrial medicine have shown that no damaging impact on health is to be anticipated when the product is used with due observance of the basic rules for workers' protection and industrial hygiene.

Summary of CMR characteristics

EINECS No.	Name	Classification	REACH Registration No.

Components of this preparation do not satisfy the criteria of CMR categories 1 or 2.

General remarks: The product as such has not been tested. The preparation has been classified according to the conventional method (calculation method as per EU guideline 1999/45/EC, latest version) and taking account of the toxicological dangers (for details see chapters 3 and 15).

12 Ecological information

12.1 Water hazard class: 1 (German regulation) (Mixing rule as per app. 4 of VwVwS)
The product should not be allowed to enter drains or water courses. The product is subject to the provisions of the Detergent Act. The ingredients are biodegradable.

12.2 Result of the assessment of the PBT characteristics

EINECS No.	Name	Classification	REACH Registration No.
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Components of this preparation do not satisfy the classification criteria as PBT or vPvB.

The preparation was evaluated by applying the conventional method as per preparation directive (1999/45/EC) and was classified as not being hazardous to the environment.

13 Disposal considerations

13.1 Product: Recommendation:

The product should not be allowed to enter drains or water courses.

13.2 European waste code no.

120107 Mineral-based machining oils free of halogens (except emulsions and solutions)

Advice for disposal:

Rinse the container after emptying and dispose of the residuals according to instructions. Containers are made of polyethylene.

13.3 Uncleaned cans: Recommendation:

Empty cans must be recycled or reconditioned. Cans which have not been properly emptied are classified as special waste.

14 Transport instructions

Transport in accordance with regulations for road transport (ADR), rail transport (RID), sea transport (IMDG) and air transport (ICAO/IATA).

14.1 Land transport ADR/RID (cross-border)

ADR/RID Class:	N/A
Hazardous label:	N/A
UN Number:	N/A
Designation of goods:	N/A
Contains:	N/A
Packaging group:	N/A

14.2 Marine transport IMDG/ GGV Sea

IMDG:	N/A
Hazardous label:	N/A
EMS Number:	N/A
UN Number:	N/A
Correct technical name:	N/A
Contains:	N/A
Packaging group:	N/A
Marine pollutant:	N/A

14.3 Air transport ICAO-TI and IATA-DGR

ICAO/IATA-Class:	N/A
UN/ID Number:	N/A
Correct technical name:	N/A
Contains:	N/A
Packaging group:	N/A

15 Information on statutory provisions

15.1 Chemical safety assessment

EINCS No.	Name	REACH Registration No.
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Chemical safety assessments for substances with this composition have not been carried out.

15.2 Classification according to EEC directive 1999/45/EG:

Code letter and hazard designation of product:

N/A

Contains: N/A

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- 15.3 Risk phrases:**
N/A
- 15.4 Safety phrases:**
N/A
- 15.5 Special marking of defined preparations:** N/A
- 15.6 Information on VOC guidelines**
VOC (g/l) DIN ISO 11890: 0.000
VOC (g/l) ASTM D-3960-1: 0.000
- 15.7 National regulations:**
Information on restriction of employment:
The laws on maternity and juvenile labour protection must be observed.
Hazardous incident V: no
Degree of water contamination: 1 (Mixing rule as per app. 4 of VwVwS)
TA-Air: N/A
Other regulations, restrictions and ordinances:
Observe national laws.

16 Other information:

- 16.1 R phrases with code from chapter 2:**
36 Irritant to eyes.
51/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 16.2 Other:** The information contained in this safety specification sheet reflects our present technical knowledge and satisfies legal requirements at national and EC level. Without written consent, the product must not be used for any application other than that specified in the technical information and stated on the label. Users are responsible for observing all applicable legal provisions. The information contained in this specification sheet describes the safety requirements applicable to our product and imply no guarantee of the properties of the product. The information contained in this specification sheet is required according to Ordinance on Hazardous Substances and ordinance 1907/2006/EG, TRGS 200, TRGS 220, ADR, WHG.

Legend:

N/A = not applicable / n.c. = not checked VbF = Regulations concerning inflammable liquids
MAK = Max. concentration at the workplace in mg/m³ = ppm = ml/m³ BAT = Biological tolerance at the workplace
AGW = Workplace limit value
TRbF = Technical regulations concerning inflammable liquids
VOC = volatile, organic compounds
PBT = persistent, bio-accumulated, toxic
vPvB = very persistent, very bioaccumulative
CMR = carcinogenic, mutagenic, toxic for reproduction
WGK = Class of hazard (degree of danger to water). WGK 1 = Slight danger to water.
WGK 2 = Danger to water. WGK 3 = High danger to water.