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

Product details **Reiniger 906**

09060

Recommended use:
Cleaner

Identification of the manufacturer / supplier
Tim Eckart Automatikölwechselsystem Manufaktur
Schillerstraße 12
D-36208 Wildeck-Obersuhl
Phone: +49(0)6626/773936 Fax: +49(0)6626/773953
Emergency phone: +49(0)172/3436381
Advising personal/Phone: see above
E-mail: tim.eckart@automatikoelwechselsystem.de

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2. Hazards possibilities

Hazard designation:
Xn Harmful

Specific hazards to man and the environment:

52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

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3. Composition / information on ingredients

Chemical characterization
Mixture of solvents.

Hazardous ingredients:

EINECS-No. / CAS-No.	Name / R-phrases	Symb.	Conc.-%
64742-82-1	white spirit 10-65-66-67-51/53	Xn,N	10 - 30
64771-72-8	n-paraffin (C5-C20) 65-66	Xn	30 - 100
	alkane 65-66	Xn	30 - 100

Additional information:
Meanings of R-phrases see under chapt.16.

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4. First aid measures

General information
Remove contaminated clothing immediately and dispose of safely.
After inhalation
Remove the casualty into fresh air and keep him calm.
After skin contact
Wash off immediately with soap and water.
After eye contact
In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution.
In case of irritation consult an occulist.

After ingestion
Do not induce vomiting - aspiration hazard.
Rinse mouth thoroughly with water.
Summon a doctor immediately.

5. Firefighting measures

Suitable extinguishing media
Foam
Dry powder
Carbon dioxide
Extinguishing media that must not be used for safety reasons
Full water jet
Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases
In the event of fire the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO2)
In case of combustion evolution of dangerous gases possible.
Special protective equipment for firefighting
Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Other information
Cool endangered containers with water spray jet.

6. Accidental release measures

Personal precautions
Use personal protective clothing.
Ensure adequate ventilation.
Keep away sources of ignition.
Use breathing apparatus if exposed to vapours/dust/aerosol.
Environmental precautions
Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up/taking up
Take up with absorbent material (eg sand, kieselguhr, universal binder).
Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

Handling
Advice on safe handling
Use personal protective clothing.
Open and handle container with care.
Avoid formation of aerosols.
Use only in well ventilated areas.
Advice on protection against fire and explosion
Vapours can form an explosive mixture with air.
Keep away from sources of ignition - refrain from smoking.
Take precautionary measures against electrostatic loading.
Provide good room ventilation even at ground level (vapours are heavier than air).
Risk of explosion if the liquid enters the drains.
Containers in danger should be cooled with water.
Ignitable mixtures can form in the empty container.
Storage
Requirements for storage rooms and vessels
Protect from frost.
Protect from heat and direct sunlight.
Keep container in a well-ventilated place.
Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional hints on technical system design.
See chapter 7; no measures exeeding the ones mentioned are necessary.
Ingredients with occupational exposure limits to be monitored

EINECS-No.	Name	Type	Value	Unit
	white spirit	MAK	100	ppm
	n-paraffin (C5-C20)	MAK	200	ppm
	alkane	MAK	200	ppm

Personal protective equipment

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.
If ventilation insufficient, use a respiratory protection apparatus.

Hand protection

Recommendation: Impermeable safety gloves made of nitrile as per EN 374; penetration time more than 480 min. at a thickness of 0.4 mm.

Eye protection

Safety glasses with side protection shield

General protective measures

Do not inhale gases/vapours/aerosols.
Avoid contact with eyes and skin.
At work do not eat, drink, smoke or take drugs.
Keep away from foodstuffs and beverages.
Wash hands before breaks and after work.

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9. Physical and chemical properties

Form liquid
Colour waterwhite
Odour typical

		Value	Unit	Method
Flash point		55	°C	EN 22719
Viscosity	20 °C	n.b.		DIN 51562
Density :	20 °C	0.76	g/cm3	DIN 51757
Lower explosion limit :		0.4	Vol.%	
Upper explosion limit:		7.0	Vol.%	
Solubility in water / method		insoluble		
Pourpoint		n.b.	°C	
Boiling point:		>160	°C	
Bulk density :		n.a.	kg/m3	
Vapour pressure:	20 °C	n.b.	mbar	
pH value :	20 °C	n.a.		

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10. Stability and reactivity

Materials to avoid

Reactions with strong oxidising agents.

Hazardous decomposition products

Flammable gases/vapours
Vapours can form an explosive mixture with air.
No hazardous reactions when stored and handled according to prescribed instructions.

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11. TOXICOLOGICAL INFORMATION

General remarks.

No toxicological data are available.

Experience in practice

When inhaled in larger quantities, the solvent vapours cause a narcotic effect.
In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.
Repeated exposure may cause skin dryness or cracking.

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12. ECOLOGICAL INFORMATION

Do not discharge into the drains/surface waters/groundwater.
The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-

toxicological properties accordingly. See Section 2 and 15 for details.

13. Disposal considerations

Product

Waste code

070604 other organic solvents, washing liquids and mother liquors

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Uncleaned packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

14. Transport information

Land transport ADR/RID

Class	:	3
Tremcard	:	3
UN number	:	1300
Technical name	:	Turpentine substitute
PG	:	III
Hazard id. no.	:	30

Marine transport IMDG/GGVSee

Class	:	3
EmS	:	F-E, S-E
UN number	:	1300
Correct technical name	:	TURPENTINE SUBSTITUTE
PG	:	III
MARINE POLLUTANT	:	p

Air transport ICAO/IATA

Class	:	3
UN number	:	1300
Correct technical name	:	Turpentine substitute
PG	:	III

Other information

15. REGULATORY INFORMATION

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC directives/GefStoff V

Xn Harmful

Contains:

n-paraffin (C5-C20)
alkane

R phrases:

52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

S phrases:

24	Avoid contact with skin.
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.

Special provisions concerning the labelling of preparations:
n.a.

National regulations

Water hazard class / source 2
(VwVwS)

VbF (Germany) : entfällt

Restriction of occupation.
Observe employment restrictions for young people.
Observe employment restrictions for child bearing mothers and nursing mothers.

16. **Other information**

10	Flammable.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data mentioned in the present safety data sheet correspond to our latest knowledge and experience and may be used to precise safety requirements for the different products. The information given therein is no warranty as to quality.
Please also read our technical data sheet.
Revised chapters:

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n.a.: not applicable
n.b.: not determined