

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

Identification of the substance or preparation

Tire Grease

Use of the substance/preparation

Tire fitting paste

Company/undertaking identification

Reinheimer GmbH & Co. KG, Borgwardstrasse 10, D-21365 Adendorf/Lbg.
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E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone

Advisory office in case of poisoning:

Tel.:
 —

Telephone number of the company in case of emergencies:

Tel. +49 (0)4131/981661

2. HAZARDS IDENTIFICATION

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

To people

See point 11 and 15.

Not applicable

To the environment

See point 12.

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Symbol	R-phrases	EINECS, ELINCS
content %	Registration number (ECHA)		
Diethylene glycol			
1 - 10	Xn	22	203-872-2

For complete wording of the R-phrases, refer to point 16.

4. FIRST AID MEASURES

4.1 Inhalation

Remove person from danger area.

Supply person with fresh air.

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.3 Skin contact

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Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Do not induce vomiting.
Consult doctor immediately - keep Data Sheet available.
Never pour anything into the mouth of an unconscious person!

4.5 Special resources necessary for first aid

n.c.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.

5.2 Extinguishing media which shall not be used for safety reasons

n.c.

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

In case of fire the following can develop:

Oxides of carbon
Toxic pyrolysis products.

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply.
According to size of fire
Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.
In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Ensure sufficient supply of air.
Avoid contact with eyes or skin.
If applicable, caution - risk of slipping
General hygiene measures for the handling of chemicals are applicable.

6.2 Environmental precautions

If leakage occurs, dam up.
Prevent from entering drainage system.
Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.
Or:
Collect mechanically and dispose of according to point 13.

7. HANDLING AND STORAGE

7.1 Handling

Tips for safe handling:

See point 6.1
Ensure good ventilation.
General hygiene measures for the handling of chemicals are applicable.
Observe directions on label and instructions for use.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.
Store product closed and only in original packing.

Special storage conditions:

See point 10
Store cool
Store in a dry place.

Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

☉	Chemical Name	Diethylene glycol	Content %:1 - 10
	WEL-TWA: 23 ppm (101 mg/m3)	WEL-STEL: ---	---
	BMGV: ---	Other information: ---	

☉ WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.
 General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.

Respiratory protection:	Normally not necessary.
If OES or MEL is exceeded.	
Filter A P2 (EN 14387)	
Hand protection:	Recommended
Protective PVC gloves (EN 374)	
Rubber gloves (EN 374).	
Protective hand cream recommended.	
Eye protection:	Normally not necessary.
With danger of contact with eyes.	
Tight fitting protective goggles with side protection (EN 166).	
Skin protection:	Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.
 Selection made for preparations according to the best available knowledge and information on the ingredients.
 Selection of materials derived from glove manufacturer's indications.
 Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
 Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
 In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Pastelike
Colour:	Light
Odour:	Characteristic
pH-value undiluted:	Not detected
Boiling point/boiling range (°C):	Not specified
Melting point/melting range (°C):	Not detected
Flash point (°C):	> 100, (Particulars of main substances contained)
Ignition temperature:	225 - 390°C *
Flammability (solid, gas):	Not detected

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Autoflammability:	226°C *
Oxidising properties:	No
Minimum limit of explosion:	Not detected
Maximum limit of explosion:	Not detected
Vapour pressure:	Not detected
Density (g/ml):	~ 1
Water solubility:	Not detected
Viscosity:	Not detected

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7
 Stable when handled and stored correctly.
 Strong heat
 Protect from frost.

Materials to avoid

See point 7
 Avoid contact with other chemicals.

Hazardous decomposition products

See point 5.3

11. TOXICOLOGICAL INFORMATION

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.

Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

No classification according to calculation procedure.
 The product was not tested.

12. ECOLOGICAL INFORMATION

Water hazard class (Germany):	2
Self classification:	Yes (VwVwS)
Persistence and degradability:	
Biodegradable *	
Behaviour in sewage plants:	Problems not expected when used correctly.
According to the recipe, contains no AOX.	
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
* Diethylene glycol	

13. DISPOSAL CONSIDERATIONS

13.1. for the material / preparation / residue

EC disposal code no.:
 The waste codes are recommendations based on the scheduled use of this product.
 Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)
 07 06 99 wastes not otherwise specified
 Recommendation:
 Pay attention to local and national official regulations
 E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Recommendation:

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 04 metallic packaging

Empty container completely.

Uncontaminated packaging can be recycled.

14. TRANSPORT INFORMATION
General statements

UN-Number: n.a.

Road/Rail-transport (ADR/RID)

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

Tunnel restriction code:

Transport by sea

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

Transport by air

IATA: n.a. (class/secondary danger/packing group)

Additional information:

Non-dangerous material according to Transport Regulations.

15. REGULATORY INFORMATION
Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger: —

R-phrases:

S-phrases:

Additions:

Safety data sheet available for professional user on request.

Observe restrictions: n.a.

VOC 1999/13/EC 0%

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10 - 13

Revised points: n.a.

 The following phrases represent the prescribed R-phrases / H-phrases (GHS) for the ingredients (designated in point 3).
 22 Harmful if swallowed.

Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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