

Safety Data Sheet

Revised: 21.02.2006

 Publication No.
 XRB249A(EN)

01. Identification of the substance / preparation and of the company

Product: Brake Grease, PFG110
Use: Lubricant
Company: TRW KFZ Ausrüstung GmbH Rudolf-Diesel-Str. 7 56566 Neuwied
Phone: (+49) 02631-912 0
Fax: (+49) 02631-912 110
Emergency phone: (+44) NHS 0845 46 47

02. Composition / Information on ingredients

Substance	EINECS/ELINCS	CAS	Range [%]	Symbol / R-phr.
Lithium complex soap				
Polyalkylene glycols with additives				

03. Hazards identification

No special hazards have to be mentioned.

04. First aid measures

General information	Change soaked clothing.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
Skin contact	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion	Do not induce vomiting. Rinse out mouth and give plenty of water to drink. In the event of symptoms seek for medical treatment.
Advice to doctor	Treat symptomatically.

05. Fire-fighting measures

Suitable extinguishing media:	Foam. Dry powder. Water spray jet. Carbon dioxide.
Extinguishing media that must not be used:	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products:	In the event of fire the following can be released: Carbon monoxide (CO). Under certain fire conditions traces of other toxic substances, such as phosgene, cannot be excluded.
Special protective equipment for firefighters:	Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases.
Additional information:	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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06. Accidental release measures

Personal precautions:	Forms slippery surfaces with water. High risk of slipping due to leakage/spillage of product.
Environmental precautions:	Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up:	Take up with absorbent material (e.g. general-purpose binder). Dispose of absorbed material in accordance with the regulations.

07. Handling and storage

Advice on safe handling:	No special measures necessary if used correctly.
Advice on protection against fire and explosion:	No special measures necessary.
Requirements for storage rooms and vessels:	No special measures necessary.
Advice on storage compatibility:	Do not store together with food. Do not store together with oxidizing agents.
Further information on storage conditions:	Keep container tightly closed. Keep container in a well-ventilated place.

08. Exposure controls / personal protection

Additional advice on system design:
not applicable

Ingredients with occupational exposure limits to be monitored: not applicable

Respiratory protection:	not applicable
Hand protection:	Butyl rubber, >120 min (EN 374).
Eye protection:	not applicable
Skin protection:	not applicable
General protective measures:	Avoid contact with eyes and skin.
Hygiene measures:	Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition:	not determined

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09. Physical and chemical properties

Form:	pasty
Colour:	beige
Odour:	characteristic
pH-value:	not applicable
pH-value (1 %):	not applicable
Boiling point [°C]:	not determined
Flash point [°C]:	not applicable
Flammability [°C]:	not determined
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Combustible properties:	no
Vapour pressure [kPa]:	not determined
Density [g/ml]:	0,97
Bulk density [kg/m ³]:	not applicable
Solubility in water:	immiscible
Partition coefficient: n-octanol/water:	not determined
Viscosity:	not determined
Relative vapour density determined in air:	not determined
Evaporation speed:	not determined
Melting point [°C]:	>250
Autoignition temperature [°C]:	not determined
Decomposition temperature [°C]:	not determined

10. Stability and reactivity

Hazardous reactions:	Reactions with strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11. Toxicological information

Acute oral toxicity OECD 401:	not determined
Experiences made in practice:	Frequent persistent contact with the skin can cause skin irritation.
General remarks:	No toxicological data are available. No classification on the basis of the calculation procedure of the preparation directive.

12. Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Bacteria toxicity:	not determined

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Biological degradability:	not determinated
COD:	not determinated
BOD 5:	not determinated
AOX-advice:	not applicable
76/464/EC:	yes
General information:	Product is insoluble in water. Ecological data are not available.

13. Disposal considerations

Disposal / Product:	Dispose of as hazardous waste. Coordinate disposal with the authorities if necessary.
Waste no. (recommended):	130205*
Disposal / Contaminated packaging:	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

14. Transport information

<u>Classification according to ADR:</u>	no dangerous goods
Declaration:	
Labelling:	
Factor (ADR 1.1.3.6):	
LQ (ADR 3.4.6):	
Hazard-no.:	
Label:	
<u>Classification according to IMDG:</u>	not classified as "Dangerous Goods"
Declaration:	
Labelling:	
Label:	
LQ [l, kg]:	
EmS:	
<u>Classification according to IATA:</u>	not classified as "Dangerous Goods"
Declaration:	
Labelling:	
Label:	

15. Regulatory information

Labelling:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	

15.1 Special labelling for certain preparations

not applicable

15.2 Sources of documentation

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EEC: 91/155 (2001/58); 67/548 (2004/73), 29. ATP; 1999/45 (2001/60); 91/689 (2001/118); 89/542; 1999/13

Transport information: ADR (2005); IMDG-Code (32.Amdt.); IATA-DGR (2006)

15.3 National regulations(gb)

EH40/2002 Occupational Exposure Limits Supplement 2003

16 Other informations

(Information on ingredients - position 02)

not applicable

16.1 Additional information:

Observe employment restrictions for people:	not applicable
VOC (1999/13/EG):	not applicable
Customs Tariff:	not determinated

16.2 Information on ingredients

UBA-Registration: not applicable

648/2004/EG, Contains: not applicable

16.3 Modified position

none