

SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

LAGD 125/...
LAGD 60/...

Last changed: 12/14/05

Internal No.:

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

TRADE NAME	LAGD 125/..., LAGD 60/...
APPLICATION	Lubricator
Producer/importer	SKF Maintenance Products
Address	Postbus 1008
Postal code	NL-3430 BA Nieuwegein
Country	The Netherlands
Telephone	+31 30 630 7223
Fax	+31 30 630 7205
Contact pers.	Ebbe Malmstedt, ebbe.malmstedt@skf.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	EINECS/ELINCS	CAS	Range [%]	Symbol / R-phr.
magnesium perchlorate	233-108-3	10034-81-8	20-<40	O&Xi 8-36/37/38
Nickel sulphate	232-104-9	7786-81-4	0,1-<1	Xn& N 22-40-42/43-50/53
Sodium azide	247-852-1	26628-22-8	10-<20	T+& N 28-32-50/53

The contained dangerous contents materials are not freely available with foreseeable use.

3. HAZARDS IDENTIFICATION

The structural design of the housing prevents release of the hazardous media contained therein when the unit is used for its intended purpose.

4. FIRST AID MEASURES

General information:

Not applicable.

Inhalation:

Not applicable.

Skin contact:

In case of contact with skin wash off immediately 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:

Not applicable.

Advice to doctor:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide. Foam. Dry powder. Water spray jet.

Extinguishing media that must not be used

None.

Special exposure hazards arising from the substance or preparation itself or combustion products:

In the event of fire the following can be released: Risk of formation of toxic pyrolysis products. Hydrogen chloride (HCl). Nitrogen oxides (NOx).

Special protective equipment for firefighters

Use self-contained breathing apparatus. Wear full protective suit.

Additional information

Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Keep people away and stay on the upwind side. Use personal protective equipment. Area concerned lock off. Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

Not applicable.

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Methods for cleaning up/taking up

Take up mechanically. Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.

7. 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 required.

Advice on storage compatibility

Do not store with combustible materials.

Further information on storage conditions

Keep container tightly closed. Protect from heat/overheating.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ingredients with occupational exposure limits to be monitored:			
Substance	LTEL [ppm]	LTEL [mg/m ³]	General remarks
Sodium azide		0,1	
Nickel sulphate		0,1	as Ni, Sk
LTEL: Long-term exposure limit			

Respiratory protection

Not applicable.

Eye protection

Not applicable.

Hand protection

Suitable protective gloves: Butyl rubber, >120 min (EN 374)

Skin protection

Not applicable.

General protective measures

Avoid contact with eyes.

Hygiene measures

Wash hands before breaks and after work.

Delimitation and monitoring of the environmental exposition

Not determined.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Capsule	Density [g/ml]:	Not determined.
Colour:		Bulk density [kg/m ³]:	
Odour:	Not applicable.	Solubility in water:	Miscible.
pH-value:	8,3 - 8,8	Partition coefficient: n-octanol/ water:	Not determined.
Boiling point [°C]:	Not determined.	Viscosity:	Not applicable.
Flash point [°C]:	Not applicable.	Relative vapour density determined in air:	Not determined.
Flammability:	Not determined.	Evaporation speed:	Not determined.
Lower explosion limit:	Not applicable.	Melting point [°C]:	Not determined.
Upper explosion limit:	Not applicable.	Autoignition temperature:	Not determined.
Combustible properties:	Yes	Decomposition temperature: [°C]	Not determined.
Vapour pressure [kPa]:	Not determined.		

10. STABILITY AND REACTIVITY

Hazardous reactions

Reactions with acids and strong oxidizing agents.

Hazardous decomposition products

No hazardous decomposition products known.

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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity OECD 401	LC50 Rat :
Acute dermal toxicity OECD 402	LD50 Mouse :
Acute inhalational toxicity OECD 403	LD50 Rabbit :
Irritant effect on skin OECD 404	LD50 Rat :
Irritant effect on eye OECD 405	Not determined.
Sensitization / Validation OECD 406	Not determined.
Subacute toxicity	Not determined.
Chronic toxicity	Not determined.
Mutagenicity / validation	Not determined.
Reproduction toxicity / Validation	Not determined.
Carcinogenicity / Validation	Not determined.
Experiences made in practice	None.
General remarks	No toxicological data are available. The product was classified on the basis of the calculation procedure of the preparation directive.

12. ECOLOGICAL INFORMATION

Fish toxicity	Not determined.
Behaviour in environment compartments	Not determined.
Behaviour in sewage plant	Not applicable.
Bacteria toxicity	Not determined.
Biological degradability	Not applicable.
Chemical oxygen demand (COD)	-
Biochemical oxygen demand (BOD5)	-
AOX-advice	Not applicable.
Contains compounds of 76/464/EC	Not applicable.
General information	Ecological data are not available.

13. DISPOSAL CONSIDERATIONS

Disposal / Product

Dispose of as hazardous waste. For recycling, consult manufacturer.

Disposal / Contaminated packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150110*

14. TRANSPORT INFORMATION

Classification according to ADR:

ADR-Class: not classified as Dangerous Goods

Declaration:

Labelling:

Label:

Hazard-no:

Factor, ADR 1.1.3.6:

LQ, ADR 3.4.6:

Classification according to IMDG:

IMDG-Code-Class: 9

Declaration: UN 3363, Dangerous Goods in apparatus, 9

Labelling: Dangerous Goods in apparatus, UN 3363, Class: 9

Label: 9

EmS: F-A, S-P

LQ, [l/kg]: SV301

Classification according to IATA:

IATA-DGR-Class: 9

Labelling: Dangerous goods in apparatus UN 3363

Label: Miscellaneous

Declaration: Dangerous goods in apparatus, Class: 9 UN 3363

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15. REGULATORY INFORMATION

Labelling

This preparation is a product and therefore it does not require labeling according to EC directives/GefStoffV.

Hazard symbols

The structural design of the housing prevents release of the hazardous media contained therein when the unit is used for its intended purpose.

16. OTHER INFORMATION

LIST OF RELEVANT R-PHRASES

R 22: Harmful if swallowed.

R 28: Very toxic if swallowed.

R 32: Contact with acids liberates very toxic gas.

R 36/37/38: Irritating to eyes, respiratory system and skin.

R 40: Limited evidence of a carcinogenic effect.

R 42/43: May cause sensitisation by inhalation and skin contact.

R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 8: Contact with combustible material may cause fire.

REGULATORY INFORMATION

* 91/155 (2001/58)

* 67/548 (2001/59)

* 1999/45 (2001/60)

* 91/689 (2001/118)

* 89/542

* ADR (2003)

* IMDG-Code (31.Amdt.)

* IATA-DGR (2003)