

**Safety Data Sheet according to Regulation (EC) No.
1907/2006 (REACH)**

Printed 22.04.2013
revision 20.01.2012 (GB) Version 1.0
SRS Cargolub Leichtlauf-Motorenöl LA

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product SRS Cargolub Leichtlauf-Motorenöl LA

Relevant identified uses of the substance or mixture and uses advised against

Details of the supplier of the safety data sheet

Manufacturer/distributor

SRS Schmierstoff Vertrieb GmbH
Neuenkirchener Straße 8, D-48499 Salzbergen
Postbox 11 65, D-48497 Salzbergen
Phone 05976 - 945-0
E-Mail Daniela.Heber@hur.com

Advice

Abt. Produktsicherheit: Dipl. Ing. Daniela Heber
Phone 040-32523213

Emergency telephone number

Emergency advice

Gift-Informationszentrum Nord (Göttingen)
Phone 0551-19240

SECTION 2: Hazards identification

Classification of the substance or mixture

Label elements

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

Special rules for supplemental label elements for certain mixtures

Enthält Calciumalkarylsulphonat, langkettiges. Kann allergische Reaktionen hervorrufen.

Safety data sheet available for professional user on request.

Other hazards

SECTION 3: Composition/ information on ingredients

Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
68610-84-4	POLYMER	Calciumalkarylsulphonat, langkettiges	0,63	Xi,R43-53

REACH

CAS No	Name	REACH registration number
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SECTION 4: First aid measures

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Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Most important symptoms and effects, both acute and delayed

Physician's information / possible dangers

In case of swallowing or vomiting of product there is danger of penetration into the lungs.

Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

sand

Water spray jet

water mist

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

Soot and other organic products.

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Sulphur dioxide (SO₂)

Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Additional information

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use breathing apparatus if exposed to vapours/aerosol with filter Typ A2, A2/P2 or ABEK.

Use personal protective clothing.

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Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Take up with absorbent material (e.g. oil binder).
After taking up the material dispose according to regulation.

Additional Information

no

Reference to other sections

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling
Avoid formation of oil dust.

Advice on protection against fire and explosion
Do not smoke.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Only use containers that are approved specifically for the substance/product.

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Store under control of light and temperature conditions.

Storage group 10

Fire class B

Specific end use(s)

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Respiratory protection

Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.

Hand protection

Use safety gloves of following materials: NBR (nitrile) / neopren / viton (permeationslevel 5 - 6), Cat. II according to norm EN 388.

Eye protection

Safety goggles with side protection. In case of increased risk add protective face shield.

Skin protection

Oil-resistant and hardly inflammable protective clothing.

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

It is recommended to use safety clothing, safety gloves and safety goggles/safe screen.

Hygiene measures

Clean skin thoroughly after working.

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink, smoke or take drugs.

Keep away from food and drink.

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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form	Colour	Odour
liquid	brownish	mild

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pourpoint	ca. -39 °C			DIN/ISO 3016	
Flash point	ca. 242 °C			DIN ISO 2592	
Vapour pressure	< 0,1 hPa	20 °C		calculated	
Density	ca. 862 kg/m ³	15 °C		DIN 51757	
Solubility in water					insoluble
Viscosity kinematic	ca. 94,8 mm ² /s	40 °C		DIN 51562	

Other information

The values provided may fluctuate within customary limits.

SECTION 10: Stability and reactivity

Reactivity

Chemical stability

Possibility of hazardous reactions

Conditions to avoid

No hazardous reactions known.

Incompatible materials

Materials to avoid

Reactions with strong oxidising agents.

Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 5000 mg/kg	rat		
LD50 acute dermal	> 3000 mg/kg	rabbit		
Irritability skin	non-irritant			
Irritability eye	non-irritant			
Skin sensitization	non-sensitizing			
Sensitization respiratory system	Non-sensitising			

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Experiences made from practice
Frequent contact specially if dried out may cause skin and eye irritations.

SECTION 12: Ecological information

Toxicity

Persistence and degradability

Persistence and degradability

Elimination rate

Method of analysis

Method

Validation

Physico-chemical
degradability

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

Biological
degradability

not readily degradable

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

General regulation

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

Waste treatment methods

Waste code No.
13 02 05*

Name of waste

mineral-based non-chlorinated engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

The disposal code is just a recommendation. Contact your local experts to obtain information about use or disposal of the material involved.

The indication about disposal refers to the product and its residues. If the product is mixed with other materials or preparations an individual evaluation should be necessary.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleaning may be taken for reuse.

SECTION 14: Transport information

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

Marine transport IMDG

No dangerous goods as defined by these transport regulations.

Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

Special precautions for user

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Water hazard class

2

Based on "Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)" from
27 Juli 2005

Technical instruction air remarks

5.2.5. Organic substances

Decree for case of interference/
remarks

Accident regulation, appendix I: not specified.

Chemical Safety Assessment

SECTION 16: Other information

Further information

Above information corresponds to our present knowledge and experience. It is not a guarantee that no errors or incomplete data may be contained.

Sources of key data used

DGMK report 400-1 , 400-2 , 400-7 Concawe-Report " Health aspects of lubricants " 1/1983

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 43 May cause sensitisation by skin contact.

R 53 May cause long-term adverse effects in the aquatic environment.

SRS Schmierstoff Vertrieb GmbH

EC-Material Safety Data Sheet Acknowledgement of Receipt

Neuenkirchener Straße 8 * 48499 Salzbergen

Please fax this sheet to:

Phone:

Fax:

Mrs Heber

+49 (0)40 / 32523213

+49 (0)5976 / 945474

Verschickt von SRS Schmierstoff Vertrieb GmbH

22.04.2013

I,(name, surname)

Department

in the company:

confirm to have received the MSDS for the product

SRS Cargolub Leichtlauf-Motorenöl LA

Date

Place

Signature