



Safety Data Sheet

according to Regulation (EC) No 1907/2006

LASCOL ARO 24

Revision date: 08.02.2017

Product code: 474

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

1.1. Product identifier

LASCOL ARO 24

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

Use of the substance/mixture

Corrosion inhibitor

1.3. Details of the supplier of the safety data sheet

Company name:	LASCOL LUBRIFIANTS	
Street:	28 Avenue Carnot, BP 30038	
Place:	F-78290 CROISSY SUR SEINE	
Telephone:	+33 09.80.52.18.73	Telefax: +33 09.57.94.90.76
e-mail:	lascol.lubrifiants@gmail.com	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3

Respiratory or skin sensitisation: Skin Sens. 1A

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Flammable liquid and vapour.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten
synthetisches neutrales Calciumpetroleumsulfonat

Signal word: Warning

Pictograms:



Hazard statements

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

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Special labelling of certain mixtures

EUH066

Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
64742-48-9	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten	>=50-<65 %
	919-857-5	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066	
	synthetisches neutrales Calciumpetroleumsulfonat	1-2,5 %
	263-093-9	
	Skin Sens. 1A; H317	

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.

Caution if victim vomits: Risk of aspiration!

In case of swallowing, keep the patient at rest and contact a doctor.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

Carbon monoxide

Carbon dioxide (CO₂).

Sulfur oxides.



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5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Treat the recovered material as prescribed in the section on waste disposal.
Collect in closed containers for disposal.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Clean contaminated articles and floor according to the environmental legislation.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid oil mist
Use only in well-ventilated areas.
Direct contact with skins avoid.
When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

Further information on handling

High slip hazard because of leaking or spilled product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.
Recommended storage temperature: 5-40 °C

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.
Do not store with strong oxidizing agents.
Maximum period of storage (time): 3 Jahr

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Use personal protection equipment as per Directive 89/686/EEC.

Eye/face protection

Use glasses or face shield if there is a risk of splashing.

Hand protection

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects.
Wash hands before breaks and after work.
Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Skin protection

Chemical resistant safety shoes. Take off immediately all contaminated clothing.

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Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: liquid
Colour:
Odour: characteristic

Test method

pH-Value: not applicable

Changes in the physical state

Initial boiling point and boiling range:	160 °C	DIN 51751
Flash point:	39 °C	ASTM D 93
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	7 vol. %	
Ignition temperature:	201 °C	
Vapour pressure:	2,5 hPa	
Density (at 20 °C):	0,85 g/cm ³	ASTM D 7042
Viscosity / kinematic: (at 20 °C)	80 mm ² /s	ASTM D 7042

SECTION 10: Stability and reactivity**10.1. Reactivity**

No risks worthy of mention.

10.4. Conditions to avoid

Protect against: heat.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong.

10.6. Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide, Nitrogen oxides (NO_x), Carbon dioxide.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

There are no data available on the preparation/mixture itself.

Data apply to the main component.

Acute toxicity

after ingestion: LD50: > 2000mg/kg Rat
After skin contact: LD50: > 2000mg/kg Rat
following inhalation: LC50: > 5mg/1/4hRat.



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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rabbit		
	inhalative (4 h) aerosol	LC50 >5 mg/l	Rat		

Additional information on tests

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the single components.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64742-48-9	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten					
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss		
	Acute algae toxicity	ErC50 >1000 mg/l		Pseudokirchneriella subcapitata		
	Algae toxicity	NOEC >100 mg/l		Pseudokirchneriella subcapitata		

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

12.4. Mobility in soil

There are no data available on the mixture itself. in delivery condition: liquid

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste disposal number of waste from residues/unused products**

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

Contaminated packaging

Recycle according to official regulations.

SECTION 14: Transport information**Land transport (ADR/RID)**

- 14.1. UN number:** UN 1993
14.2. UN proper shipping name: Entzündbarer flüssiger Stoff, n.a.g.
14.3. Transport hazard class(es): 3
14.4. Packing group: III

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Classification code: F1
Tunnel restriction code: (D/E)

Inland waterways transport (ADN)

14.1. UN number: UN 1993
14.3. Transport hazard class(es): 3
14.4. Packing group: III

Marine transport (IMDG)

14.1. UN number: UN 1993
14.3. Transport hazard class(es): 3
14.4. Packing group: III

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1993
14.3. Transport hazard class(es): 3
14.4. Packing group: III

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten

2004/42/EC (VOC): 80%

National regulatory information

Employment restrictions: Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)