



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

Printed
revision

19.09.2015
10.06.2015 (GB) Version 1.7

CEDRACON
A01-01331

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

1.1. Product identifier

Name of product

CEDRACON

1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

see Product information

Effect of the substance / the mixture

Lubricant

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

FUCHS LUBRITECH GMBH
Werner-Heisenberg-Straße 1, D-67661 Kaiserslautern/Germany
Phone +49 (0) 6301 3206 - 0, Fax +49 (0) 6301 3206 - 940
E-Mail reach@fuchs-lubritech.de
Internet www.fuchs-lubritech.com

Advice

Product Safety Management
Phone +49 (0) 6301 3206 - 0
Fax +49 (0) 6301 3206 - 940
E-mail (competent person):
reach@fuchs-lubritech.de

1.4. Emergency telephone number

Emergency advice

+49 (0)171 / 4632154
Phone 06301/3206-808
This number is only available at office times.

Emergency Tel: 1800 638 556 (24hr AUST) 0800 154 166 (24hr NZ)

Fuchs Lubricants (Australasia) Pty. Ltd.
49 McIntyre Road, Sunshine, VIC 3020.
Australia.
Tel: +61 3 9300 6400 Fax: +61 3 9300 6401

Fuchs Lubricants (New Zealand) Limited
Harbourside Business Park
485C Rosebank Road,
Avondale, Auckland 1026. New Zealand.
Tel: +64 9 828 3255 Fax: +64 9 830 3643

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

R52/53
R66

R-phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
66 Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Asp. Tox. 1	H304	
Aquatic Chronic 3	H412	

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS08

Signal word

Danger

Hazard Statements

H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.



P501

Dispose product/container in accordance with local regulations.

Special rules for supplemental label elements for certain mixtures

Contains Calcium Sulfonate . May cause allergic reactions.

2.3. Other hazards

Information pertaining to special dangers for human and environment

none at appropriate handling and storage

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

formulation of highly refined mineral oils with additives

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
	919-164-8	Hydrocarbons, C10-C13, n-Alkanes, iso-Alkanes, Cyclis, Aromatics (2-25%)	25 - 50	Xn; r52/53-65-66
	926-141-6	Kohlenwasserstoffe, C11-C14, n-alkanes, iso-Alkane, Cyclisch, < 2% Aromaten	10 < 20	Xn; R65-66
	939-603-7	Calcium sulfonat	0,1 < 1	Xi; R43

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
	919-164-8	Hydrocarbons, C10-C13, n-Alkanes, iso-Alkanes, Cyclis, Aromatics (2-25%)	25 - 50	Asp. Tox. 1, H304 / Aquatic Chronic 3, H412 / STOT RE1, H372
	926-141-6	Kohlenwasserstoffe, C11-C14, n-alkanes, iso-Alkane, Cyclisch, < 2% Aromaten	10 < 20	Asp. Tox. 1, H304
	939-603-7	Calcium sulfonat	0,1 < 1	Skin Sens. 1, H317

REACH

CAS No	Name	REACH registration number
	Kohlenwasserstoffe, C11-C14, n-alkanes, iso-Alkane, Cyclisch, <2% Aromaten	01-2119456620-43
	Calcium sulfonat	01-2119978241-36

Additional advice

Labelling of this preparation with XnR65 is not applicable due to viscosity (see Art. 3.2.3 RL67/548/EWG)

Contains calcium sulfonate. May cause allergic reactions.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately, don't leave to dry.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

(may be relevant for vapours of superheated product)

In case of skin contact

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

Don't use organic solvents

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

Coughing

Headache



Physician's information / possible dangers

Aspiration hazard when vomiting after swallow up

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam
Dry powder
Carbon dioxide
sand
water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Wear suitable personal protective equipment for fire extinguishing measures.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.
Avoid contact with skin and eyes
High risk of slipping due to leakage/spillage of product.

For emergency responders

no special dangers known

6.2. 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.

6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal.
Take up with absorbent material (e.g. general-purpose binder).

Additional Information

no special dangers known

6.4. Reference to other sections

Safe handling: see section 7
Disposal: see section 13
Personal protection equipment: see section 8
Emergency telephone number: see section 1

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in thoroughly ventilated areas.
Take measures against electrostatically charging.
Take the usual precautions when handling with chemicals.

General protective measures

Avoid contact with eyes and skin

Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.
Follow general rules of industrial hygiene for safe handling of chemical products
At work do not eat, drink and smoke.
Remove soaked clothing immediately.
Keep away from food and drink.
Wash hands before breaks and after work.
Use barrier skin cream.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
The product is combustible.
Don't heat up to temperatures at close range to flash point
Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Provide solvent-resistant and impermeable floor.
Prevent penetration into the ground.

Advice on storage compatibility

Do not store together with oxidising and self-inflammable materials.

Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.
Storage: cool and dry
Protect from heat and direct solar radiation.

Information on storage stability

Storage stability 12 months maximum.

Storage group 10

Fire class B

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
8008-20-6	hydrocarbon compound (group 2)	8 hours	500	100	TRGS 900

Additional advice

As basis for this information served the valid references.

8.2. Exposure controls

Respiratory protection

Not required at determined application

Hand protection

As the product is a preparation of several substances, the actual resistance of the materials used for gloves cannot be scientifically calculated; it is therefore mandatory to check this before using the product.
The break through time depends on the mechanical stress imposed and must therefore be checked individually.

Gloves (solvent-resistant)

Wear gloves of PVC at prolonged or intensive skin contact

Eye protection

tightly fitting goggles, in case of splashing



Other protection measures

Usual working clothes for chemical industries

Appropriate engineering controls

Do not inhale aerosols caused by spraying application
Use only in well-ventilated places

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

brown

Odour

oil-like

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value					not applicable
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point	61 °C			DIN/ISO 2592	
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature					unknown
Lower explosion limit	0,6 Vol.-%				
Upper explosion limit	7 Vol.-%				
Vapour pressure	not determined				
Relative density	0,87 g/cm ³	20 °C		DIN 51757	
Vapour density	not determined				
Solubility in water					more or less insoluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity kinematic	ca. 13 mm ² /s	40 °C			
Oxidising properties	no				
Explosive properties	In and after use danger of production of inflammable compounds				



9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.5. Incompatible materials

Materials to avoid

Reactions with oxidising agents.

10.6. Hazardous decomposition products

none at appropriate handling and storage

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral				not determined
Irritability skin				frequent and/or persistent contact may cause skin irritation
Irritability eye	no irritating effects known			
Skin sensitization	No sensitizing effect known			

Experiences made from practice

Frequent persistent contact with the skin may cause skin irritation.
no harmful effects at appropriate handling and determined usage

Additional information

No toxicological data available.

The product was classified on the basis of the calculation procedure of the directive 67/548/EEC (conventional method).

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

Value	Species	Method	Validation
Fish			not determined

12.2. Persistence and degradability

Biological

degradability

not determined

12.3. Bioaccumulative potential

preparation is water insoluble and does not formate emulsion

12.4. Mobility in soil



No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Behaviour in sewage plant

Product gets duly not into waste water before it is not treated according to the local regulations.

General regulation

Ecological dates are not available.

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Waste disposal in accordance with the relevant regulations.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Dispose one-trip container according to local authority prescriptions

EAK 15 01 10: packing material with harmful contamination

General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

no special dangers known

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

not applicable

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.

Transport/further information

No hazardous goods as defined by prescriptions

! SECTION 15: Regulatory information

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

VOC standard

VOC content ca.45 %

National regulations**Water hazard class**

2 Mixture-WGK according to VwVwS (GER)

15.2. Chemical Safety Assessment

Chemical Safety Assessments for mixtures is not required.

SECTION 16: Other information**Training advice**

Use information in this MSDS

Recommended uses and restrictionsusage only according to instructions for use and observance of warning notes
National and local regulations concerning chemicals shall be observed.**Further information**

The information given in this MSDS is based on the present state of knowledge and is intended to describe our products from the point of view of safety requirements only.

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in TSCA.

All the raw materials in this product are listed in DSL.

Refer to product information paper.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.6

Sources of key data used

Material Safety Data Sheets of raw materials

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 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H372 Causes damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H412 Harmful to aquatic life with long lasting effects.

All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS) and New Zealand Inventory of Chemical (NZIoC).

Group Standard: Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006.
HSNO Approval Number: HSR002606