

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Contec Lube Star original

Date of creation	27. February 2017	Revision no.	
Date of revision		Version	1

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

- 1.1 Product identifier**
Substance / mixture Contec Lube Star original
Number 13715
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Intended use of the mixture grease for industry and household

Not recommended use of the mixture The product should not be used in ways other than those referred in Section 1.

1.3 Details of the supplier of the safety data sheet

Distributor

Name or trade name	Hermann Hartje KG
Address	Deichstraße 120-122, Hoya/Waser, 27318 Germany
Phone	0049/4251/811-20
Fax	0049/4251/811-159
E-mail	rene.preuss@hartje.de
Web address	www.hartje.de

Manufacturer

Name or trade name	Nacházel, s.r.o. - Bike
Address	Průmyslová 1472, Praha 10 - Hostivař, 102 19 Czech Republic
Phone	+420 222 351 140
Fax	+420 222 351 149
E-mail	maziva@nachazel.cz
Web address	bikeworkx.cz

Competent person responsible for the safety data sheet

Name	Ing. Zdeněk Nacházel
E-mail	ing.zdenek@nachazel.cz

1.4 Emergency telephone number

Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and H-phrases is given in the section 16.

The most serious adverse physico-chemical effects

Unknown

The most serious adverse effects on human health and the environment

Unknown

2.2 Label elements

none

2.3 Other hazards

Substance meets the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) no. 1272/2008.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended



Contec Lube Star original

Date of creation	27. February 2017	Revision no.	
Date of revision		Version	1

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical characterization

Lithium grease based on mineral oil with additives.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

none

SECTION 4: First aid measures

4.1 Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

Inhalation

inpart - paste

Skin contact

Remove contaminated clothing. Wash the affected skin with lukewarm water and soap or use appropriate cleanser. When irritation persists, seek medical attention.

Eye contact

Holding the eyelids open, and at least 15 minutes, rinse with clean, if possible lukewarm, running water and seek medical advice.

Ingestion

Place the victim in peace. Rinse mouth with water (only if the affected person is conscious); Never induce vomiting. Seek medical advice immediately and show the container or label.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Possible irritation of airways, cough, headache.

Skin contact

Not expected.

Eye contact

Not expected.

Ingestion

Irritation

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist

Unsuitable extinguishing media

water - full jet

5.2 Special hazards arising from the substance or mixture

Fire produces heavy, black smoke, with potential development of carbon monoxide and dioxide and other toxic gases. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3 Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Contec Lube Star original

Date of creation	27. February 2017	Revision no.	
Date of revision		Version	1

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

The mixture is non-flammable. Provide sufficient ventilation. Use gloves in case of prolonged contact. Follow the instructions in Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

6.3 Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per Section 13. Collected material should be disposed of in accordance with locally valid regulations. Upon an escape of large quantities of the product, inform the Fire Department and the Environmental Department of the Municipal Authority with extended scope of competencies. After removal of the product, wash the contaminated site with plenty of water or another suitable cleaning material. Do not use solvents.

6.4 Reference to other sections

7, 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in areas where it is not in contact with open fire and other ignition sources. No smoking. Protect against direct sunlight. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight.

Storage class

13 - Other non-combustible solids

Content

150 g

Type of packaging

plastic dose

Material of package

PP (5), Polypropylene (Plastics)



PP

Storage temperature

min 0 °C, max 40 °C

7.3 Specific end use(s)

Observe recommendations and information on the product label.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

none

8.2 Exposure controls

Follow usual measures for health protection at work and especially for good ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant against the product. Observe recommendations of the particular manufacturer of the gloves in the choice of their appropriate thickness, material and permeability. Use barrier creams for skin protection, they should however not be applied once exposure has occurred. Observe other recommendations of the manufacturer. Other protection: Protective antistatic clothing made of natural fibres (cotton) or synthetic fibres resistant against elevated temperatures. Contaminated skin should be washed thoroughly.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Contec Lube Star original

Date of creation	27. February 2017	Revision no.	
Date of revision		Version	1

Respiratory protection

under normal use is not needed.

Thermal hazard

not available

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	spreadable paste
Physical state	solid at 20°C
color	amber/brown
Odour	mineral oil
Odour threshold	data not available
pH	data not available
Melting point/freezing point	180 °C
Initial boiling point and boiling range	data not available
Flash point	220 °C
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	0.1 mbar
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	insoluble
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	250 °C
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	data not available
They are not available	

9.2 Other information

Density	0.925 g/cm ³ at 15 °C
auto-ignition temperature	data not available

SECTION 10: Stability and reactivity

10.1 Reactivity

The mixture is non-flammable.

10.2 Chemical stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

The product is stable under normal conditions.

10.4 Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5 Incompatible materials

Protect against strong oxidizing agents. Thereby a dangerous exothermic reaction will be prevented.

10.6 Hazardous decomposition products

Not developed under normal uses. Dangerous products are formed at high temperature and in fire, such as carbon monoxide and carbon dioxide, heavy smoke and nitrogen oxides.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Contec Lube Star original

Date of creation 27. February 2017 Revision no.
Date of revision Version 1

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

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Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD 50	>2000 mg/kg		Rat	
Dermal	LD 50	>2000 mg/kg		Rat	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

They are not available

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

The product contains no substances with an effect against active action of microorganisms.

They are not available

12.2 Persistence and degradability

The product is not biodegradable.

12.3 Bioaccumulative potential

Insignificant.

12.4 Mobility in soil

The product is insoluble in water and soil.

12.5 Results of PBT and vPvB assessment

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Contec Lube Star original

Date of creation	27. February 2017	Revision no.	
Date of revision		Version	1

The product is not classified as PBT or vPvB.

12.6 Other adverse effects

The product is slightly soluble in water and thus easily eliminable mechanically e.g. adiabatic processes.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to an authorised person for waste removal (specialized company) authorised for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling. Hazard of environmental contamination; remove waste in accordance with local and/or national regulations.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Council Directive 91/689/EEC on hazardous waste, as amended. Decision 94/3/EC establishing a list of wastes, as amended.

Code of type of waste

12 01 12 spent waxes and fats
16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

Code of type of waste packaging

15 01 02 plastic packaging

SECTION 14: Transport information

14.1 UN number

Not subject to ADR.

14.2 UN proper shipping name

not available

14.3 Transport hazard class(es)

not available

14.4 Packing group

not available

14.5 Environmental hazards

not available

14.6 Special precautions for user

not available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

not available

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per Section 1. The user is responsible for adherence to all related health protection regulations.

SAFETY DATA SHEET



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Contec Lube Star original

Date of creation	27. February 2017	Revision no.	
Date of revision		Version	1

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
Ems	Emergency plan
ES	Identification code for each substance listed in EINECS
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC50	Concentration causing 50 % blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Transport
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
Log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
MFAG	First Aid Manual
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of chemicals (EP and Council Regulation (EC) No 1907/2006)
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
w/w	Weight by weight

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

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Date of revision		Version	1

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Publication of "Zásady pro poskytování první pomoci při expozici chemickým látkám" (doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.