



Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Xtreme Rack & Pinion

Revision Date: 03-Jul-2014

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Xtreme Rack & Pinion

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

Recommended use Lubricating grease

1.3. Details of the supplier of the safety data sheet

For further information, please contact

support@trustlube.com

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

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

R phrases This mixture is classified as not hazardous according to regulation 1999/45/EC

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Signal word - None

Manufacturer

TrustLube B.V.

Neon 7

4751 XA Oud Gastel

The Netherlands

Telephone: +31 88 87 87 700

1.4. Emergency telephone number

Emergency telephone +31 88 87 87 700

Emergency telephone - §45 - (EC)1272/2008

Europe 112

Symbols/Pictograms - None

2.3. Other hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Ingredient comments

This product is a lithium-calcium complex grease based on biodegradable esters.

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16



Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapors.
Skin contact	Wash with soap and water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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

Symptoms None known

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

Note to physicians Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use CO₂, dry chemical, or foam.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Not flammable. Fire may produce irritating and/or toxic gases.

5.3. Advice for firefighters

In the event of fire and/or explosion do not breathe fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Extremely slippery when spilled.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

6.4. Reference to other sections

Other information

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Extremely slippery when spilled.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged or repeated contact with skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Keep containers tightly closed in a cool, well-ventilated place. Keep at a temperature not exceeding 45°C. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

Risk management methods

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls

Engineering controls None under normal processing.

Personal protective equipment



Hand protection

Wear protective nitrile rubber gloves. Thickness ≥ 0.38 mm - breakthrough time >480 minutes. Thickness 0.1 mm - splash protection. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

Eye/face Protection

Avoid contact with eyes.

Body protection

Suitable protective clothing.

Respiratory protection

None under normal processing. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

Prevent product from entering drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Semi-solid
Appearance	Smooth
Color	Beige
Odor threshold	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Property	Values	Remarks • Method
pH		No information available
Melting point/freezing point		No information available
Boiling point/boiling range		Not applicable
Flash point	> 150 °C / > 302 °F	Based on base oils
Evaporation rate		Not applicable
Flammability (solid, gas)		No information available
Flammability limits in air		No information available
Vapor pressure		Not applicable



Vapor Density	Not applicable
Specific gravity	No information available
Solubility(ies)	No information available
Partition coefficient (n-octanol/water)	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

9.2. Other information
Density No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
Stable.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
Heat

10.5. Incompatible materials
Strong oxidizing agents.

10.6. Hazardous decomposition products
None under normal processing.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects	
Acute toxicity	Not hazardous based on component data.
Skin corrosion/irritation	Not hazardous based on component data.
Serious eye damage/eye irritation	Not hazardous based on component data.
Sensitization	Not hazardous based on component data.
Germ cell mutagenicity	Not hazardous based on component data.
Carcinogenicity	Not hazardous based on component data.
Reproductive toxicity	Not hazardous based on component data.
STOT-single exposure	Not hazardous based on component data.
STOT-repeated exposure	Not hazardous based on component data.
Aspiration hazard	Not hazardous based on component data.
Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	Inhalation of oil mist may cause irritation, headaches, nausea and breathing difficulties.
Eye contact	Not expected to cause eye irritation
Skin contact	Prolonged contact may cause redness and irritation
Ingestion	Malaise (vague feeling of discomfort)

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity Not regarded as dangerous for the environment.

12.2. Persistence and degradability
Readily biodegradable.

12.3. Bioaccumulative potential
Material does not bioaccumulate.



12.4. Mobility in soil

Mobility in soil

After release, adsorbs onto soil.

Mobility

Insoluble in water.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging

Dispose of in accordance with federal, state and local regulations.

Waste codes / waste designations according to EWC / AVV

13 08 99

Section 14: TRANSPORT INFORMATION

Not regulated according to ADR/RID, IMDG, IATA.

14.1. UN number

Not regulated

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

None

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

No information available

Section 15: REGULATORY INFORMATION

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

Water hazard class (WGK) Slightly hazardous to water (WGK 1)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

TSCA	-
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	-
ENCS	-



IECSC	Complies
AICS	-
KECL	Complies
NZIoC	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

Full text of H-Statements referred to under sections 2 and 3

Revision Date	03-Jul-2014
Revision note	Not applicable

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet