

Trade name: Dynamic Allround Lube DY-039/040/041/045/100

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SECTION 1: Identification of the mixture and of the company

1.1 Product identifier

Trade name/ designation: Dynamic Allround Lube DY-039/040/041/045/100
UFI-Code: -

1.2 Relevant identified uses of the mixture and uses advised against

Relevant identified uses
Bike chain oil

1.3 Details of the supplier of the safety data sheet

Supplier:

Dynamic Bike Care B.V.
Lulofsstraat 55 unit 25, 2521AL, The Hague, Netherlands
Contact person: Rob Fleu
E-Mail: info@dynamicbikecare.com

1.4 Emergency telephone number

Tel.: +31 850220362

SECTION 2: Hazards identification

2.1 Classification of the mixture

According to Regulation (EC) No. 1272/2008 CLP

The product is not classified as per CLP-Regulation.

2.2 Label elements

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

Not a dangerous substance or mixture.

Precautionary statements:

P233 Keep container tightly closed.

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P270

Do not eat, drink or smoke when using this product.

P273

Avoid release to the environment.

2.3 Other hazards

No information available.

SECTION 3: Composition/ information on ingredients

3.2 Mixtures:

Hazardous ingredients:

None.

SECTION 4: First aid measures

4.1 Description of first aid measures

General informations:

In all cases of doubt or if there are symptoms, seek medical advice. In cases of unconsciousness, bring person in recovery position and seek medical advice immediately.

Following inhalation:

Product can only be inhaled in cases of strong oil mist. Bring exposed person to fresh air. If there are any symptoms, seek medical treatment.

Following skin contact:

Clean with water and soap. In case of persisting skin irritation consult a doctor.

Following eye contact:

Rinse immediately with plenty of water. In case of persisting symptoms consult a doctor.

Following ingestion:

Consult doctor immediately, do not induce vomiting. Rinse out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguish media

Suitable extinguishing media:

CO, foam, water only to cool exposed materials

Unsuitable extinguishing media:

Water jet.

5.2 Special hazards arising from the mixture

Hazardous combustion products

Carbon dioxide, carbon monoxide, sulphur oxides

5.3 Advice for fire-fighters

Additional information

Wear self-contained breathing apparatus. Danger depends on burning materials and fire condition. Contaminated extinguishing water has to be disposed in accordance with the official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment: Wear personal protective equipment.

Emergency procedures: Keep ignition sources away. Danger of slipping on leaked or spilled product.

6.2 Environmental precautions

Prevent entry into sewers, surface water and ground water.

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6.3 Methods and material for containment and cleaning up

For containment:	Restrain with oil binding agent
For cleaning up:	Absorb with liquid binding material
Other information:	See section 7 for information on safe handling See section 8 for information on personal safety equipment See section 13 for information on disposal

6.4 Reference to other sections

Additional information

See sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Hygiene measures

See to thorough skin cleansing and skin care after usage. Do not eat, drink or smoke during the usage. Immediately take off soiled clothes.

Fire protection measures

Keep away of sources of ignition. Do not smoke.

Environmental measures

Prevent entry into sewers, surface water and ground water.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Only store in original container.

Hints on storage assembly

Storage class: LGK 10

Further information on storage conditions

Recommended storage temperature: room temperature

7.3 Specific end uses:

Recommendations:

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Bike chain oil

SECTION 8: Exposure controls/ personal protection

8.1 Control parameters

Does not contain substances with occupational exposure limits.

8.2 Exposure controls

Eye protection: Tightly sealed safety goggles.

Hand protection: Gloves (oil-resistant).

Respiratory protection: Normally no personal respiratory protection required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: liquid

Colour: blue-green

Smell: specific

Basic information

	Value	Temperature
pH-value	Not measured	-
Pour point	-	< -35 °C
Flash point	-	> 130 °C
Relative density	Approx. 0.90 g/cm ³	20 °C
Kin. Viscosity	Approx. 16 mm ² /s	40 °C
Lower explosion limit	Not determined	-
Upper explosion limit	Not determined	-
Solubility in water	Immiscible	-

Oxidizing characteristics

No information available.

Explosive Properties

No information available.

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9.2 Other information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

When stored under normal ambient temperatures, the product is stable.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Avoid temperatures above 100 °C.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No dangerous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

There are no toxicological data available. The statements are derived from the properties of the single components.

Acute toxicity

LD₅₀ (rat oral) > 2000 mg/kg. There are no indications that there is acute danger by one-time swallowing, skin contact or inhalation of the product.

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Skin corrosion/ irritation

There are no indications that the product is corrosive or irritating to skin.

Eye damage/ -irritation

There are no indications that the product is irritating or harmful to the eyes.

Sensitisation to respiratory tract/ skin

The mixture does not contain substances with the potential of sensitisation to the respiratory tract.

Skin sensitisation

There are no indications that the product has the potential of sensitisation to the skin.

Germ cell mutagenicity

No known significant or critical hazards.

Carcinogenicity

No known significant or critical hazards.

Reproductive toxicity

No known significant or critical hazards.

Overall assessment on CMR properties

No known significant or critical hazards.

Specific target organ toxicity (single exposure)

No known harmful effects on organs in case of single exposure.

Specific target organ toxicity (repeated exposure)

No known harmful effects on organs in case of repeated exposure.

Aspiration hazard

The classification criteria regarding aspiration hazard are not fulfilled.

11.2 Information on other hazards

No other hazards are known.

SECTION 12: Ecological information

12.1 Toxicity

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Aquatic toxicity

No information available.

12.2 Persistence and degradability

Biodegradation

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any components at concentrations of 0.1% or higher that are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

The mixture does not contain any components that exhibit endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Since empty containers contain residues, follow the warning labels even after emptying the container. Contaminated packaging has to be optimally emptied.

Treatment, storage, transport and disposal have to follow the respective applicable federal or local regulations.

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SECTION 14: Transport information

	Land transport (ADR/ RID)	Sea transport (IMDG)	Air transport (ICAO-TI/ IATA)
14.1 UN Number or ID number	No dangerous good.	No dangerous good.	No dangerous good.
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 information available.

14.7 Maritime transport in bulk according to IMO instruments

No information available.

SECTION 15: Regulatory information

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

Comply with directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer:
Not included or not included in regulated amounts included.

Regulation (EU) No. 2019/1021 on persistent organic pollutants:
Not included or not included in regulated amounts included.

Regulation (EU) No. 649/2012 concerning the export and import of hazardous chemicals:
Not included or not included in regulated amounts included.

Regulation (EC) No. 1907/2006, REACH Article 59. Candidate list of substances of very high concern for authorisation:
Not included or not included in regulated amounts included.

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Regulation (EC) No. 1907/2006, REACH annex XIV authorisation list:
Not included or not included in regulated amounts included.

Regulation (EC) No. 1907/2006 annex XVII restrictions on the manufacturing, marketing and use of certain dangerous substances, mixtures and articles:
Not applicable.

Directive 2012/18/EC (Seveso III) on the control of major-accident hazards involving dangerous substances:
Not applicable.

15.2 Chemical safety assessment

The chemical safety assessment of this mixture has not been conducted.

SECTION 16: Other information

Wording of the H-Sentences

None.

Further Information

The information of the safety data sheet are based on our today's state of knowledge and serve to describe the product with regard to the safety precautions. The information represent no guarantee of the characteristics of the product.

Pay attention to existing national and local laws regarding chemicals. We ask you to use this information confidential and only use it internally. Handling and application only according to the technical information and data sheet.

Disclaimer

Given the fact, that conditions and methods of use are beyond our control, we do not take responsibility for the manner of use of this product and hereby disclaim any liability.

It is assumed, that these information are true and correct. But all information are without warranty, be it explicit or implicit, with regard to correctness of the information, the dangers or effect related to the usage of the product.

It is the users responsibility to comply with federal and local laws.