

Material Safety Data Sheet



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Bicycle Chain Lube Eco Nano For Wet Conditions (DROP) MSDS

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

1.1 Product identifiers

Product name: Bicycle Chain Lube Eco Nano For Wet Conditions.

Product Number: #60072

EC-Number: Not Relevant.

CAS-Number: Not Relevant.

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

Identified uses: Bicycle's chain lube, based on Nano-particles.

1.3 Details of the supplier of the safety data sheet

Company: Adhestick Innovations Ltd.
17 Hamelacha St., Afek Ind. Park
Rosh Ha'ain, 4809144

ISRAEL

Telephone: +972-3-9027080

Fax: +972-3-9027077

E-mail: Info@adhestick.com

1.4 Emergency telephone number

Emergency Phone Number: +972-3-9027080

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

This product is classified as not hazardous, according to regulation.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

None.

SECTION 3: Composition/information on ingredients

3.1 Substances

Component	Classification	Concentration
Polybutene		
CAS-No. 9003-29-6	---	<20%
EC-No. Polymer		
Index-No. ---		
Registration number ---		

3.2 Hazardous ingredients according to Regulation (EC) No 1272/2008

No hazardous materials.

No components need to be disclosed according to the applicable regulations.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Rinse eyes with water as a precaution. Consult a physician.

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If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

If inhaled

May lead to: lipid pneumonia.

In case of skin contact

No Data.

In case of eye contact

No Data.

If swallowed

May include: laxative effect, gastrointestinal disturbance.

Delayed / Immediate effects

No Data.

4.3 Indication of any immediate medical attention and special treatment needed

No Data.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No Data.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place, Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

No Data.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

None.

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8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Wear impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No Data.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Form: Liquid Color: White
Odor	Lemon
Odor Threshold	No Data
pH	No Data
Melting point/freezing point	No Data
Initial boiling point and boiling range	No Data
Flash point	Not Relevant
Evaporation rate	No Data
Flammability (solid, gas)	Not Flammable
Upper/lower flammability or explosive limits	Upper explosion limit: Not Relevant Lower explosion limit: Not Relevant
Vapor pressure	No Data
Vapor density	No Data
Relative density (H ₂ O=1)	0.84-0.85 gr/cm ³ at 24°C.
Non volatiles contains	98±1%
Water solubility	Not Miscible
Partition coefficient: n octanol/water	No Data
Auto-ignition temperature	No Data
Decomposition temperature	No Data
Viscosity	175-200 cPs/ sp.2/ V-100
Explosive properties	No Data
Oxidizing properties	No Data

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9.2 Other safety information

No Data.

SECTION 10: Stability and reactivity

10.1 Reactivity

No Data.

10.2 Chemical stability

No Data.

10.3 Possibility of hazardous reactions

No Data.

10.4 Conditions to avoid

No Data.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No Data.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Polybutene: Oral – LD50, >34600 mg/kg (rat)

Dermal – LD50, > 10250 mg/kg / 24h (rabbit)

Skin corrosion/irritation

May cause skin irritation. May be harmful if absorbed through skin.

Serious eye damage/eye irritation

May cause eye irritation.

Respiratory or skin sensitization

No Data.

Germ cell mutagenicity

No Data.

Carcinogenicity

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No Data.

Specific target organ toxicity - single exposure

No Data.

Specific target organ toxicity - repeated exposure

No Data.

Aspiration hazard

May be harmful if inhaled. Aspiration may lead to: lipid pneumonia. May cause respiratory tract irritation.

Additional Information

Effects due to ingestion may include: laxative effect, Gastrointestinal disturbance.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Test	Species	Dose
Polybutene	EC50/48h	Daphnia (Daphnia magna)	>1000 mg/l
	LC50/96h	Fish	>1000 mg/l

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12.2 Persistence and degradability

No Data.

12.3 Bioaccumulative potential

No Data.

12.4 Mobility in soil

No Data.

12.5 Results of PBT and vPvB assessment

No Data.

12.6 Other adverse effects

No Data.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Disposal considerations

14.1 UN number: Not classified as dangerous goods for transport.

14.2 UN proper shipping name: No dangerous goods

14.3 Transport hazard class(es): Not classified as hazardous for transport.

14.4 Packaging group: Not Relevant

14.5 Environmental hazards: Not Relevant

14.6 Special precautions for user: Not Relevant

SECTION 15: Regulatory information

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

Not classified as hazardous to users.

15.2 Chemical Safety Assessment

No Data.

SECTION 16: Other information

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

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

Further information

The information here in was gathered from the raw materials suppliers. It is the duty of the user to verify the data and use the product responsibly as per his requirements and the producers' instructions. Adhestick Innovations LTD or its employees will not be held responsible for any damage caused by the use of this information and/or the product.

Update: January , 2017