

# Material Safety Data Sheet

## E-Bike Commuter Gel MSDS



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

#### 1.1 Product identifiers

Product name : E-Bike Commuter Gel  
Product Number: 180891  
EC-Number: Not Relevant.  
CAS-Number: Not Relevant.

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

Identified uses: Tire flats prevention fluid.

#### 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 material is classified as non-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

Not Relevant.

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

Component	Classification	Concentration
Propylene Glycol		
CAS-No. 57-55-6 EC-No. 200-338-0 Index-No. --- Registration number: ---	---	10%-30%
Water		
CAS-No. 7732-18-5 EC-No. --- Index-No. --- Registration number: ---	---	60%-80%

### 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.

# Material Safety Data Sheet

## E-Bike Commuter Gel MSDS



### **If inhaled**

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

### **In case of skin contact**

Remove contaminated clothing. Wash off with soap and plenty of water. Consult a physician.

### **In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

### **If swallowed**

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

## **4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (section 2.2) and/or in section 11.

### **If inhaled**

None.

### **In case of skin contact**

Could cause irritation.

### **In case of eye contact**

Could cause irritation.

### **If swallowed**

None.

### **Delayed / Immediate effects**

None.

## **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**

No Data.

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

### **5.4 Further information**

No Data.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. 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**

Soak up with inert absorbent material and dispose of as hazardous waste. 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**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.2.

### **7.2 Conditions for safe storage, including any incompatibilities**

# Material Safety Data Sheet

## E-Bike Commuter Gel MSDS



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

### 7.3 Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

None.

### 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

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

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Form: Liquid Color: Pink
Odor	Weak Lemon Smell
Odor Threshold	No Data
pH	6-8
Melting point/freezing point	No Data
Initial boiling point and boiling range	No Data
Flash point	No Data
Evaporation rate	No Data
Flammability (solid, gas)	No Data
Upper/lower flammability or explosive limits	Upper explosion limit: No Data Lower explosion limit: No Data
Vapor pressure	No Data
Vapor density	No Data

# Material Safety Data Sheet

## E-Bike Commuter Gel MSDS



Relative density	1.02-1.03 gr/cm <sup>3</sup> at 24°C
Non volatiles contains	10±1%
Water solubility	Miscible
Partition coefficient: n octanol/water	No Data
Auto-ignition temperature	No Data
Decomposition temperature	No Data
Viscosity	1000-3000 cP/ sp.3/ V-3
Explosive properties	No Data
Oxidizing properties	No Data.

### 9.2 Other safety information

No Data.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No Data.

### 10.2 Chemical stability

Stable under normal conditions of handling.

### 10.3 Possibility of hazardous reactions

No Data.

### 10.4 Conditions to avoid

No Data.

### 10.5 Incompatible materials

Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents.

### 10.6 Hazardous decomposition products

No Data.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Propylene Glycol: Oral – LD50, 20.000 mg/kg (rat)  
Dermal – LD50, 20.800 mg/kg (rabbit).  
Intramuscular – LD50, 14 g/kg (rat)  
Intravenous – LD50, 6.423 mg/kg (rat)  
LD50, 26 g/kg (dog)  
LD50, 6.630 mg/kg (mouse)  
LD50, 6.500 mg/kg (rabbit)  
Intraperitoneal – LD50, 6.660 mg/kg (rat)  
LD50, 9.718 mg/kg (mouse)  
Subcutaneous – LD50, 22.500 mg/kg (rat)  
LD50, 17.370 mg/kg (mouse)

#### Skin corrosion/irritation

Mild skin irritation - 7d (human).

#### Serious eye damage/eye irritation

Mild eye irritation (rabbit)

#### 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,

# Material Safety Data Sheet

## E-Bike Commuter Gel MSDS



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

No Data.

### Additional Information

Routes of exposure: ingestion, inhalation, eyes and skin.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Test	Species	Dose
Propylene Glycol	NOEC/96h	Pimephales promelas (fathead minnow)	52.930 mg/l
	LC50/48h	Daphnia	13.020 mg/l
	EC50/48h	Daphnia magna (Water flea)	> 10.000 mg/l

### 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

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### 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: Transport information

**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

No Data.

### 15.2 Chemical Safety Assessment

No Data.

## SECTION 16: Other information

# Material Safety Data Sheet

## E-Bike Commuter Gel MSDS



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**

This information was gathered from the raw materials suppliers. It is the user responsibly to verify the data and to use this product according to its requirements and 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: March, 2018