

## **SECTION 1: Identification of the substance or mixture and of the company**

### **1.1 Product identifier**

**Trade name/designation:** DY-144 & DY-145  
**UFI code:** -

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

**Relevant identified uses**  
Lubricating grease

### **1.3 Details of the supplier providing the safety data sheet**

**Manufacturer:**  
*Dynamic Bike Care B.V.*  
*Lulofsstraat 55 Unit 25, 2521AL, The Hague, Netherlands* Contact person:  
*Rob Fleu*  
Email: [info@dynamicbikecare.com](mailto:info@dynamicbikecare.com)

### **1.4 Emergency number**

Tel.: +31 850220362

## **SECTION 2: Potential hazards**

### **2.1 Classification of the substance or mixture**

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

The product is not classified according to the CLP Regulation.

### **2.2 Label elements**

**Labeling according to Regulation (EC) No. 1272/2008 CLP**

Not a hazardous substance or mixture.

**Safety instructions:**

Not applicable.

## 2.3 Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures:

#### Hazardous ingredients:

Substance name	CAS No. EC No.	Classification	Concentration
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	- 701-177-3	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400, Aquatic Chronic 3; H412	≤ 0.3

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>General information:</b>	In all cases of doubt or if symptoms are present, seek medical advice. If unconscious, place in the recovery position and seek medical advice.
<b>After inhalation:</b> heavy	The product can only be inhaled in the form of oil mist during nebulization; move the person to fresh air. If symptoms persist, seek medical treatment.
<b>After skin contact:</b>	Wash with soap and water. If skin irritation persists consult a physician.
<b>After eye contact:</b>	Rinse thoroughly with plenty of water. If symptoms persist symptoms, consult a doctor.
<b>After swallowing:</b>	Seek medical attention immediately; do not induce vomiting. Rinse mouth thoroughly with water.

### 4.2 Most important acute and delayed symptoms and effects

No information available.

#### **4.3 Indications for immediate medical attention or special treatment**

Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Extinguishing powder, carbon dioxide, or water spray.

##### **Unsuitable extinguishing media**

Full water jet.

#### **5.2 Special hazards arising from the substance or mixture**

##### **Hazardous combustion products**

Carbon dioxide, carbon monoxide

#### **5.3 Firefighting instructions**

##### **Additional information**

Wear self-contained breathing apparatus. The hazard depends on the substances burning and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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

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

##### **Personnel not trained for emergencies**

Protective equipment: Use personal protective clothing.

Emergency plan: Keep away from sources of ignition. Spilled or leaked product poses a particular risk of slipping.

#### **6.2 Environmental protection measures**

Do not allow to enter drains, surface water, or groundwater.

## 6.3 Methods and material for containment and cleaning

For containment:	Contain with oil binders.
For cleaning:	Absorb with liquid-binding material.
Other information:	See Section 7 for information on safe handling. See Section 8 for information on personal protective 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**

After use, ensure thorough skin cleaning and care. Do not eat, drink, smoke, or sniff during use. Remove contaminated, soaked clothing immediately.

#### **Fire prevention measures**

Keep away from sources of ignition; no smoking.

#### **Environmental protection measures**

Do not allow to enter drains, surface water, or groundwater unattended.

### 7.2 Conditions for safe storage, taking into account incompatibilities

#### **Technical measures and storage conditions**

Store only in the original container.

#### **Information on storage**

Storage class: LGK 11

#### **Further information on storage conditions:**

Recommended storage temperature: Room temperature

## 7.3 Specific end use

**recommendations:**

Lubricating grease

## SECTION 8: Exposure controls/personal protection

### 8.1 Parameters to be monitored

Does not contain any substances with occupational exposure limits.

### 8.2 Exposure controls and monitoring

**Eye protection:** Tightly fitting safety goggles.

**Hand protection:** Gloves (oil-resistant).

**Respiratory protection:** Personal respiratory protection is not normally necessary.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance** Physical state:  
pasty Color: pink  
Odor: specific

#### Basic data

	Value	Temperature
pH	Not determined.	-
Pour point	-	< -15 °C
Flash point	-	> 300 °C
Relative density	Approx. 0.97 g/cm <sup>3</sup>	20 °C
NLGI class	2	-
Lower explosion limit	Not determined.	-
Upper explosion limit	Not determined.	-
Solubility in water	Not miscible.	-

**Safety data sheet**  
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Partition coefficient n-octanol/water (log P O/W)	Not determined.	-
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**Oxidizing properties**

No information available.

**Explosive properties**

No information available.

**9.2 Other information**

No information available.

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No information available.

**10.2 Chemical stability**

The product is stable when stored at normal ambient temperatures.

**10.3 Possibility of hazardous reactions**

No dangerous reactions are known.

**10.4 Conditions to avoid**

Avoid temperatures above 90 °C.

**10.5 Incompatible materials**

No information available.

**10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

## **SECTION 11: Toxicological information**

### **11.1 Information on hazard classes within the meaning of Regulation (EC) No. 1272/2008**

No toxicological data is available. The statements are derived from the properties of the individual components.

#### **Acute toxicity**

LD<sub>50</sub> (rat oral) > 2000 mg/kg. There is no evidence to suggest that there is an acute hazard in the event of a single ingestion, skin contact, or inhalation of the product.

#### **Corrosive/irritant effect on the skin**

There is no evidence that the product has a corrosive or irritating effect on the skin.

#### **Serious eye damage/irritation**

There is no evidence that the product causes serious damage or irritation to the eyes.

#### **Respiratory sensitization**

There is no evidence that the product sensitizes the respiratory tract.

#### **Skin sensitization**

The mixture does not contain any products with skin sensitizing potential.

#### **Germ cell mutagenicity**

No special hazards or effects known.

#### **Carcinogenicity**

No specific hazards or effects known.

#### **Reproductive toxicity**

No specific hazards or effects known.

#### **Summary assessment of CMR properties:**

No specific hazards or effects known.

#### **Specific target organ toxicity after single exposure**

No harmful effects on organs known after single exposure.

#### **Specific target organ toxicity after repeated exposure**

No harmful effects on organs known after prolonged or repeated exposure.

#### **Aspiration hazard**

The classification criteria for aspiration toxicity are not met.

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**11.2 Information on other hazards**

No data available.

**SECTION 12: Environmental information**

**12.1 Toxicity**

**Fish toxicity**

No data available.

**12.2 Persistence and degradability**

**Biodegradability**

Easily biodegradable according to OECD criteria.

**12.3 Bioaccumulation 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 in concentrations of 0.1% or higher that are classified as persistent, bioaccumulative, and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

**12.6 Endocrine-disrupting properties**

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

**12.7 Other adverse effects**

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment procedures

As packaging contains residues, the warning labels must be observed even after emptying. Contaminated packaging must be emptied as thoroughly as possible.

Handling, storage, transportation, and disposal must comply with federal or local regulations.

## SECTION 14: Transport Information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI/IATA)
14.1 UN number or ID number	Not classified as dangerous goods.	Not dangerous goods.	Not dangerous goods.
14.2 Proper UN shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packaging group	-	-	-
14.5 Environmental hazards	-	-	-

### 14.6 Special precautions for users

No information available.

### 14.7 Bulk transport by sea in accordance with IMO instruments

No information available.

## SECTION 15: Regulatory information

### 15.1 Regulations on safety, health, and environmental protection/specific legal provisions for the substance or mixture

Observe 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: None present or none present in regulated quantities.

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Regulation (EU) No. 2019/1021 on persistent organic pollutants: None present or none present in regulated quantities.

Regulation (EU) No. 649/2012 on the export and import of dangerous chemicals: None present or none present in regulated quantities.

Regulation (EC) No. 1907/2006, REACH Article 59. List of substances of very high concern subject to authorization:  
None present or none present in regulated quantities.

Regulation (EC) No. 1907/2006, REACH Annex XIV List of substances subject to authorization:  
None present or none present in regulated quantities.

Regulation (EC) No. 1907/2006 Annex XVII Restrictions on the manufacture, placing on the market, and use of certain dangerous substances, mixtures, and articles:  
Not applicable.

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

### **15.1.1 National regulations**

Water hazard class according to AwSV WGK 1, self-classification according to § 4 AwSV.

### **15.2 Substance safety assessment**

Substance safety assessments for substances in this mixture have not been carried out.

## **SECTION 16: Other information Wording**

### **of H and EUH statements**

H315 Causes skin irritation.  
H318 Causes serious eye damage. H332  
Harmful if inhaled. H400 Very toxic to aquatic  
life.  
H412 Harmful to aquatic life with long-lasting effects.

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**Other information**

The information in the safety data sheet is based on our current knowledge and serves to describe the product in terms of the safety precautions to be taken. The information does not constitute a guarantee of the properties of the product described.

Existing national and local laws regarding chemicals must be observed.

**Disclaimer**

Given that the conditions and methods of use are beyond our control, we accept no responsibility for the use of this product and hereby expressly disclaim any liability in this regard.

The information contained herein is believed to be true and correct. However, all representations and suggestions made herein are without warranty, express or implied, as to the accuracy of the information, the hazards associated with the use of the material, or the results to be obtained from the use of the materials.

Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.