

# Safety Data Sheet

In accordance with Regulation (EU) No. 2020/878

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY/ENTERPRISE

### 1.1. Product identification

DYNAMIC SUNSATION SPF50 HIGH  
Product Name DY-161  
Product Code

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

Application : SU21 Consumer product. PC39 Cosmetics. Sunscreens.

### 1.3. Details regarding the supplier of the safety data sheet

Supplier : Dynamic Bike Care B.V.  
Lulofsstraat 55  
2521 AL The Hague, Netherlands :  
Phone : +31-850220362  
Email : info@dynamicbikecare.com  
Website : www.dynamicbikecare.com

### 1.4. Emergency phone number

EMERGENCY PHONE NUMBER, for DOCTORS/FIRE DEPARTMENT/POLICE ONLY:

NL - Phone : +31-850220362 (During business hours only)

## SECTION 2 HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP classification (1272/2008/EC) : This product complies with the criteria of European Regulation (EC) No. 1223/2009 on cosmetic products. The product is not classified in accordance with Regulation (EC) No. 1272/2008.

Other information : Do not inhale spray mist. Use only in well-ventilated areas.

### 2.2. Labeling elements

See Section 15.

### 2.3. Other hazards

Additional Information : Does not contain PBT or vPvB substances in concentrations exceeding 0.1%. Health: This product does not contain any components believed to have endocrine-disrupting properties, according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605. Environment: This product does not contain any components that are considered to have endocrine-disrupting properties, according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

## SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Product Description : In accordance with applicable EC directives, this product is classified as a cosmetic product and complies with the requirements of Regulation (EC) No. 1223/2009.

Information on ingredients : Information on the composition can be found in the list of ingredients on the packaging.

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## SECTION 4 FIRST AID MEASURES

### 4.1. Description of first aid measures

First aid measures

- Inhalation : Move the victim to fresh air. Consult a doctor if the victim feels unwell.
- Skin contact : Remove contaminated clothing. Before the product dries, rinse skin with plenty of water and soap.
- Eye contact : Rinse with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion : Do not induce vomiting. Rinse mouth. Have the person drink one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if the victim feels unwell.

### 4.2. Key acute and delayed symptoms and effects

Effects and symptoms

- Inhalation : When used normally, according to the instructions, no specific effects and/or symptoms are known.
- Skin contact : When used normally, according to the instructions, no specific effects and/or symptoms are known.
- Eye contact : May cause stinging and redness.
- Ingestion : May cause nausea, vomiting, and diarrhea.

### 4.3. Indication of the need for immediate medical attention and special treatment

Advice to the physician : None known.

## SECTION 5 FIREFIGHTING MEASURES

### 5.1. Fire Extinguishing Agents

Extinguishing media

- Suitable : Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam. Dry chemical. Water spray.
- Not suitable : Water jet. Using a strong water jet may spread the fire.

### 5.2. Special hazards caused by the substance or mixture

- Special exposure hazards : None known.
- Hazardous thermal decomposition and combustion products : Incomplete combustion may produce carbon monoxide.

### 5.3. Advice for firefighters

Protective equipment for firefighters : Use adequate respiratory protection in case of insufficient ventilation.

## SECTION 6 MEASURES IN CASE OF ACCIDENTAL RELEASE OF THE SUBSTANCE OR PREPARATION

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

Personal precautions : Slipping hazard. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. Keep away from sources of ignition  
— Do not smoke. Vapors are heavier than air. Accumulation in low-lying areas poses a risk of suffocation.

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## 6.2. Environmental precautions

Environmental precautions : Prevent the product from entering sewers, surface water, and/or groundwater. In the event of large-scale spills: contain the spilled product. Waste from the product must not contaminate the soil or water.

Additional Information : Notify government authorities if the community or the environment is exposed or is likely to be exposed.

## 6.3. Containment and cleanup methods and materials

Cleanup methods : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose of at an official waste collection point. Clean contaminated surfaces with plenty of water and soap.

## 6.4. Reference to other sections

Reference to other sections : See also Section 8.

## SECTION 7 HANDLING AND STORAGE

### 7.1. Precautions for the safe handling of the substance or mixture

Handling : Handle in accordance with applicable occupational and safety regulations in well-ventilated areas. Ground storage and collection tanks. Use explosion-proof electrical, ventilation, and lighting equipment. Use non-sparking tools. Take measures to prevent static electricity discharges. Electrostatic discharge can cause a fire. Ensure electrical continuity by connecting and grounding all equipment. Do not inhale spray mist. Do not inhale vapors. Avoid contact with eyes.

### 7.2. Conditions for safe storage, including incompatible products

Storage : Store frost-free in a cool, dry, and well-ventilated area (< 50°C). Protect from direct sunlight. Keep away from oxidizing agents. Keep away from food, beverages, and animal feed. Store in accordance with PGS 15 guidelines.

Recommended packaging : Store only in the original packaging.

Non-recommended packaging : Steel (except stainless steel).

### 7.3. Specific end use

Use : Use only in accordance with the instructions for use.

## SECTION 8 EXPOSURE CONTROL MEASURES/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product.

Occupational exposure limits (mg/m<sup>3</sup>):

Chemical name	Country	TGG 8 hours (mg/m <sup>3</sup> )	15-minute TGG (mg/m <sup>3</sup> )	Indicator	Source
Ethanol	EN	260	1900	Skin. SER/SZW Target value for inhalation: 13 mg/m <sup>3</sup>	
	BE	1907	-		
Dibutyl adipate		260	1900	-	MAC: NL
		5	-	-	MAC: LT

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Propan-2-ol	BE	997	1248	-	
	NL	650	-	-	
Butanone	EC	600	900	-	Directive 2000/39/EC
	BE	600	900	-	
	NL	590	900	H	

## 8.2. Exposure control measures

- Engineering controls : Use only in well-ventilated areas. Observe the usual precautions when handling chemicals. See Directive 2004/37/EC on the protection against the risks of exposure to carcinogenic or mutagenic agents at work. Ethanol is included in the SZW list of CMR substances and processes, as referred to in Article 4.11 of the Working Conditions Decree. It has been classified by the Health Council as carcinogenic and reprotoxic with target values TGG (8 h): 13 mg/m<sup>3</sup> and 1900 mg/m<sup>3</sup> (15 min.). If necessary, ensure ethanol concentrations remain below 13 mg/m<sup>3</sup> by providing additional extraction or ventilation.
- Hygiene precautions : Do not eat, drink, or smoke while using this product.
- Personal protective equipment:  
The effectiveness of protective equipment depends, among other things, on temperature and ventilation levels. Therefore, always seek expert advice regarding the specific conditions at the site.  
: No specific protection is required.
- Body protection : No specific protective clothing required under normal use.
- Respiratory protection : Ensure adequate ventilation. Suitable: gas filter type A (brown), class I or higher, e.g., on a face mask compliant with EN140.
- Hand protection : No specific gloves required under normal use. Wear suitable gloves during frequent or prolonged use and in case of extensive exposure. Suitable material: nitrile. ± 0.5 mm.
- Eye protection : Wear tightly fitting safety goggles where there is a risk of eye contact.
- Environmental Exposure Control : Prevent release into the environment.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid.
- Color : Colorless.
- Odor : Perfumed.
- Odor threshold : Unknown.
- pH : Not applicable. Nearly anhydrous
- product. Solubility in water : Insoluble.
- Partition coefficient (n-oc- : Not applicable. Not measured. Not relevant for mixtures.  
(n-oc-anol/water)
- Flash point : > 23 °C Closed cup.
- Flammability : Flammable.
- Autoignition temperature: > 250 °C
- Boiling point/boiling range : 78 °C Melting  
point/melting range : < 0 °C
- Explosive properties : None known.
- Explosion limits (% in : Not known. Lower explosion limit in air (%): 1.2 ( Tris(2-ethylhexyl)-4,4',4''-(1,3,5  
air) -triazine-2,4,6-triyltriimino)tribenzoate)  
Upper explosion limit in air (%): 19 (Ethanol)
- Oxidizing properties: Not applicable. Does not contain oxidizing  
substances. Decomposition temperature : Not applicable.
- Viscosity (20°C) : Not known.
- Viscosity (40°C) : Not relevant. The product contains < 10% of substances posing an aspiration hazard.

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Vapor pressure (20°C) : > 2300 Pa  
Relative vapor density : Not known (air = 1)  
Density (20°C) : 0.85 g/ml  
Particle characteristics : Not applicable. Liquid.

## 9.2. Other information

Other information : Not relevant.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity : See sub-sections below.

### 10.2. Chemical stability

Stability : Stable under normal conditions.

### 10.3. Potential hazardous reactions

Reactivity : No other hazardous reactions known.

### 10.4. Conditions to avoid

Conditions to avoid : See Section 7.

### 10.5. Incompatible materials

Substances to avoid : Keep away from oxidizing substances.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : None known.

## SECTION 11 TOXICOLOGICAL INFORMATION

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

This product complies with the requirements set forth in the Cosmetics Regulation (EC) No. 1223/2009.

### 11.2. Information on other hazards

Endocrine-disrupting properties : This product does not contain any components believed to have endocrine-disrupting properties.  
Other information : Not applicable.

## SECTION 12 ECOLOGICAL INFORMATION

### 12.1. Toxicity

No ecotoxicological studies have been conducted on the product as such.

Ecotoxicity : Toxic to aquatic organisms. Calculated LC50 (fish): 4 mg/l. Calculated EC50 (water flea): 21 mg/l. Contains 2 percent of ingredients for which the hazard to the aquatic environment is unknown.

### 12.2. Persistence and degradability

Persistence and degradability : May cause long-term adverse effects in the aquatic environment.

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## 12.3. Bioaccumulation

Bioaccumulation : No specific information available.

## 12.4. Mobility in soil

Mobility : No specific information available.

## 12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain any PBT or vPvB substances in concentrations exceeding 0.1%.

## 12.6. Endocrine-disrupting properties

Endocrine-disrupting properties : This product does not contain any components believed to have endocrine-disrupting properties.

## 12.7. Other adverse effects

Other adverse effects : Not applicable.

## SECTION 13 DISPOSAL INSTRUCTIONS

### 13.1. Waste disposal methods

Product residues : Do not dispose of empty packaging with household waste. Packaging can be recycled. Product residues and non-empty packaging are considered hazardous waste.

Additional warning: Residues may pose an explosion hazard. Do not puncture, cut, or weld used containers. Disposal of wastewater : Do not discharge into the environment, drains, sewers, or waterways.

European Waste Catalogue : Dispose of hazardous waste in accordance with Directive 91/689/EEC, assigning a waste code pursuant to Decision 2000/532/EC, at an official waste collection point.

Local regulations : Disposal must be carried out in accordance with applicable regional, national, and local laws and regulations. Local laws and regulations may be stricter than regional or national requirements and must be observed.

## SECTION 14 TRANSPORT INFORMATION

### 14.1. UN number or ID number

UN number : UN 1170

### 14.2. Correct cargo name in accordance with the UN Model Regulations

Transport name : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Transport name (IMDG, IATA) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

### 14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/rail/inland

waterways) Class : 3

Classification code : F1

Packaging group : III

Hazard label : 3 + the "environmentally hazardous substance" symbol.

Tunnel : D/E

restriction code

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Additional information : Not intended for transport in tankers on inland waterways. Single packages containing a quantity of no more than 5 L of liquid or 5 kg of solid do not need to be marked as environmentally hazardous substances.

## IMDG (maritime)

Class : 3  
Packing group : III  
EmS (fire / spill) Marine : F - E / S - D  
pollutant : Yes  
Additional information : Single packages containing no more than 5 liters of liquid or 5 kilograms of solid do not need to be labeled as environmentally hazardous substances.

## IATA (air)

Class : 3  
ERG code : 3L

## 14.6. Special precautions for the user

Additional information : Country-specific variations may apply. A "Limited Quantity" situation may apply to the transport of this product.

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

MARPOL : Not intended for transport in bulk in accordance with International Maritime Organization (IMO) regulations. Packaged liquids are not considered bulk.

## SECTION 15 REGULATORY INFORMATION

### 15.1. Specific safety, health, and environmental regulations and legislation for the substance or mixture

EC Regulations : Regulation (EC) No. 1223/2009 (cosmetics) and other regulations. Directive 2008/98/EC (waste).

PIC Regulation : Does not contain any substances listed on the PIC list (Regulation (EU) No. 649/2012). POP Regulation : Does not contain any substances listed on the POP list (Regulation (EU) 2019/1021).

Ozone Regulation : Does not contain any substances listed in the List of Ozone-Depleting Substances (Regulation (EC) No 1005/2009).

Regulation on Precursors for : Does not contain any substances listed in the List of Explosive Precursors (Regulation (EU) 2019/1148).

Explosives Regulation on Drug Precursors : Does not contain any substances listed in the List of Drug Precursors (Regulation (EC) No. 273/2004).

#### SEVESO III Directive 2012/18/EU Hazard

code : E2 Hazard  
category :  
Environmental hazard  
Threshold value : 200 (tons)  
- Low Threshold : 500 (tons)  
- High

Mandatory warnings: Not applicable. Cosmetics Europe recommendation(s): The packaging must bear the text: "Flammable" or a flame symbol. This applies to packaging with a capacity of  $\geq 125$  ml.

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Additional information : Ethanol is included in the SZW list of CMR substances and processes, as referred to in Article 4.11 of the Working Conditions Decree.

National legislation : Surface Water Pollution Act (Dutch legislation)

ABM category : 2 Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

Remediation effort : A

## 15.2. Chemical Safety Assessment

Chemical safety assessment : Not applicable.

## SECTION 16 OTHER INFORMATION

### 16.1. Other Information

The information in this safety data sheet has been prepared in accordance with Regulation (EU) No. 2020/878 dated June 18, 2020, and is based on our knowledge and experience as of the date of issue. It does not relieve users of the obligation to be aware of regulations pertaining to the use of the product. This safety data sheet supplements the technical data sheets but does not replace them and does not guarantee the product's properties.

If the product is used for purposes other than those for which it was developed and intended, the user must be aware of the potential hazards involved.

Information that has been changed or added since the previous edition is marked with an asterisk (\*).

List of abbreviations and acronyms that may be used in this safety data sheet (but are not necessarily used):

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE : Acute Toxicity Estimate

C : "C" means that the agent in question falls within the scope of Title 2 concerning carcinogenic, mutagenic, and reprotoxic agents of Book VI of the Code on Occupational Health and Safety in Belgium.

CLP : Classification, labeling, and packaging

CMR : Carcinogenic, Mutagenic, or Reprotoxic

D : "D" means that absorption of the agent through the skin, mucous membranes, or eyes constitutes a significant portion of total exposure. This absorption may result from both direct contact and its presence in the air.

EEC : European Economic Community

GHS : Globally Harmonized System of Classification and Labelling of Chemicals IATA : International Air Transport Association

IBC Code : The international IMO code governing the construction and equipment of ships carrying hazardous chemicals in bulk.

IMDG : International Maritime Dangerous Goods Code

LD50/LC50 : Lethal dose/concentration for 50% of a population

M : "M" indicates that exposure above the limit value causes irritation or poses a risk of acute poisoning. The work process must be designed so that exposure never exceeds the limit value.

MAC : Legal limit value

MARPOL : International Convention for the Prevention of Pollution from Ships NO(A)EL : Highest level of exposure at which no (adverse) effect is observed OECD : Organization for Economic Cooperation and Development

PBT : Persistent, bioaccumulative, and toxic

PC : Chemical product category

PGS : Hazardous Substances Publication Series

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PIC : The Prior Informed Consent procedure for the import and export of certain hazardous chemicals and pesticides.  
POP : Persistent Organic Pollutants  
PT : Product type  
REACH : Registration, Evaluation, and Authorization of Chemicals  
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail SER  
: Social and Economic Council  
STP : Sewage treatment plant  
SU : User sector  
SZW : Ministry of Social Affairs and Employment  
TGG : Time-Weighted Average  
UN : United Nations  
UFI : Unique Formula Identifier  
VOCs : Volatile Organic Compounds  
zPzB : Very Persistent and Very Bioaccumulative

The basic data used to compile the safety data sheet are derived from, but not limited to, one or more sources such as toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation (EC) No. 1272/2008, etc.

Recommendations regarding appropriate training for

employees: none. Country / Language code :

NL / NL

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End of the safety data sheet.