

## Section 1: Product and company information

### Product identifier

<b>Product code</b>	AFA-NAN-1000-647
<b>Product name</b>	SpheroRuler
<b>Reach No.</b>	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline

### Relevant identified uses of the substances or mixture and uses advised against

#### Relevant Identified uses

<b>Main use category</b>	Laboratory use
<b>Professional use spec</b>	R&D use only
<b>Identified used</b>	Laboratory chemicals

### Details of the supplier of the safety data sheet

<b>Company</b>	Idylle 68 boulevard de Port-Royal 75005 Paris France
<b>Technical phone</b>	+33184172227
<b>Email address</b>	contact@idylle-labs.com

### Emergency phone number

<b>France</b>	112
<b>Other countries</b>	ORFILA (INRS) : + 33 (0)1 45 42 59 59

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Low hazard for usual industrial or commercial handling.

### 2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

H000	Low hazard for normal industrial use
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305B	IF IN EYES: Separate eyelids with fingertips.
P313	Get medical advice/attention
P351	Rinse cautiously with water for several minutes.

## Section 3: Composition Information on ingredients

### 3.1 Substances

Water (CAS # 007732185)  
 Solid polymer microspheres composed of Polystyrene (CAS # 009003536)  
 containing functional polymer (proprietary)

## Section 4: First aids measures

### 4.1 Description of first-aid measures

#### Eye Contact:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

#### Skin Contact:

In case of contact, wash skin with copious amounts of water for at least 15 minutes.

#### Serious Inhalation:

Not available

#### Inhalation:

If inhaled, remove to fresh air if effects occur. Consult medical personnel.

#### Ingestion:

Human effects not established. No specific antidote. Treatment based on sound judgment of physician and the individual reactions of the patient.

## Section 5: Firefighting measures

### Extinguishing media

### Suitable extinguishing media

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

### Special hazards arising from the substance or mixture

Suspended material is not flammable.

### Advice for firefighters

Not applicable

### Further information

No data available

## Section 6: Accidental release measures

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

Any information given below is considered to be in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition source from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel. Wear vinyl gloves, soak up spill in paper toweling, and rinse area with water. Put all generated waste into an approved container and dispose of as waste. Observe all applicable federal, state, and local disposal laws.

**Environmental precautions**

No special environmental precautions required.

**Methods and materials for containment and cleaning up**

No special measures are indicated.

**Reference to other sections**

For disposal see section 13.

**Section 7: Handling and storage**

**Precautions for safe handling**

**Advice on protection against fire and explosion**

Provide appropriate exhaust ventilation at places where dust is formed.

**Hygiene measures**

General industrial hygiene practice.  
For precautions see section 2.2.

**Conditions for safe storage, including any incompatibilities**  
**Respiratory Protection**

**Storage conditions**

Keep container tightly closed. Store in cool place, between 4°C and 8°C  
None normally needed. In cases where there is a likelihood of inhalation exposure to dried particles, wear a NIOSH-approved dust respirator.

**Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters:

**Respiratory Protection:** None normally needed.

**Wash / Hygienic Practices:** Wash with soap and water when leaving work area and before eating, smoking, and using restroom facilities.

### 8.2 Exposure control

#### Personal protective equipment

##### Eye/face protection

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.

##### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., 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 is not required.

##### Control of environmental exposure

No special environmental precautions required.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance form</b>	White or colorless liquid suspension; faint or non-detectable odor
<b>Ph</b>	No data available
<b>Melting point/freezing point</b>	100°C / 0°C
<b>Flash point</b>	No data available
<b>Initial boiling point and range</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid/gas)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available

<b>Relative density</b>	No data available
<b>Solubility</b>	Dispersible in water
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

## Section 10: Stability and reactivity

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	Product may irreversibly aggregate if frozen
<b>Incompatible materials</b>	No dangerous reaction known under conditions of normal use.
<b>Special Remarks on Reactivity</b>	No data available
<b>Special Remarks on Corrosivity</b>	No data available
<b>Polymerization</b>	No data available

## Section 11: Toxicological information

### Information on toxicological effect

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Main routes of exposure

<b>Routes of Entry:</b>	Unknown
<b>Toxicity to Animals:</b>	No available Data
<b>Chronic effects on Humans:</b>	No available Data
<b>Other Toxic Effects on Humans:</b>	No available Data
<b>Special Remarks on Toxicity to Animals:</b>	No available Data
<b>Special Remarks on Chronic Effects on Humans:</b>	No available Data
<b>Special Remarks on other Toxic Effects on Humans:</b>	No available Data

## Section 12: Ecological information

<b>Ecotoxicity</b>	No data available
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<b>BOD5 and COD:</b>	No data available
<b>Products of Biodegradation</b>	Unknown
<b>Toxicity of the Products of Biodegradation;</b>	No data available
<b>Other adverse effects</b>	Avoid release to environment
<b>Additional information</b>	None

## Section 13: Disposal consideration

### Waste treatment methods

#### Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations

#### Contaminated packaging

Dispose of as unused product.

## Section 14: Transport Information

**ADR / RID / IMDG / IATA /** Not dangerous goods

**ADN**

**UN number** N/A

**UN proper shipping name** N/A

**Transport hazard class** N/A

**Packaging group** N/A

**Environmental hazards** N/A

**Special precautions for use** N/A

**Transport in bulk** N/A

**according to Annex II of Marpol and IBC CODE**

## Section 15: Regulatory information

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

According to Regulation (EC) No. 1907/2006(REACH) with its amendment Regulation (EC) No. 453/2010-830/2015

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.  
All components of this product are on the TSCA public inventory.

### Chemical safety assessment

For this product a chemical safety assessment was not carried out

## Section 16: Other Information

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

H000	Low hazard for normal industrial use
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305B	IF IN EYES: Separate eyelids with fingertips.
P313	Get medical advice/attention
P351	Rinse cautiously with water for several minutes.

### Classification and procedure used to establish classification of mixtures according to regulation (EC) 1272/2008 [CLP]:

The foregoing information was gathered by diligent research and / or control and the recommendations are based on prudent application of professional judgment. This information should not be considered as exhaustive and should only be used as an indication. All products and mixtures can present unknown hazards and should be used with caution. Since the Company cannot the methods, volumes or actual conditions of use, the Company will not be held liable for any damage or loss resulting from the handling of the product described herein or from contact therewith. THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET DO NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE