



Safety Data Sheet

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

Section 1: Product and company information

Product identifier

Product code	AFA-NAN-1000-647
Product name	SpheroRuler
Reach No.	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

Main use category	Laboratory use
Professional use spec	R&D use only
Identified used	Laboratory chemicals

Details of the supplier of the safety data sheet

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

Emergency phone number

France	112
Other countries	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

Storage conditions

Keep container tightly closed. Store in cool place, between 4°C and 8°C

Respiratory Protection

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

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

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

Section 10: Stability and reactivity

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

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

Section 12: Ecological information

Ecotoxicity	No data available
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BOD5 and COD:	No data available
Products of Biodegradation	Unknown
Toxicity of the Products of Biodegradation;	No data available
Other adverse effects	Avoid release to environment
Additional information	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.

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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