

HyParComp™ Multipeak

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SDS Preparation Date (dd/mm/yyyy): 11/21/2023

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product identifier

HyParComp™ Multipeak

Product Code(s)

SL-00028-A (50 tests)  
Research and development only.  
Use pattern: professional use

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

Restrictions on use: Research and development only.

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

##### Slingshot Biosciences

1250 45th Street, Suite 330  
Emeryville, CA, USA  
94608  
(510) 770 6806

Telephone

+001 (510) 770 6806 (Monday to Friday 9 AM-5 PM EST)

#### 1.4 Emergency Telephone Number

#### 1.5 National Contact

ops@slingshotbio.com

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Most important hazards:

Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. See Section 12 for more environmental information.

The product is not classified as hazardous according to Regulation (EC) No. 1272/2008.

This product contains an ingredient that is present on the candidate list SVHC's of Annex XIV of the REACH Regulation 1907/2006/EC.

#### 2.2 Label elements

Hazard pictogram(s)

None required according to Regulation (EC) No. 1272/2008.

Hazardous components which must be listed on the label:

None.

Signal word:

None required according to Regulation (EC) No. 1272/2008.

Hazard statements:

None required according to Regulation (EC) No. 1272/2008.

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### Precautionary statements:

None required according to Regulation (EC) No. 1272/2008.

### Supplemental Hazard Statements:

None required according to Regulation (EC) No. 1272/2008.

### 2.3 Other hazards

Other hazards which do not result in classification:

Burning produces obnoxious and toxic fumes. Inhalation of dusts may cause respiratory irritation. May cause slight eye and skin irritation. May cause gastrointestinal irritation.

PBT assessment: This mixture contains no substance(s) above reportable levels which are considered to be persistent, bioaccumulating nor toxic (PBT), or very persistent and very bioaccumulating (vPvB).

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

### 3.2 Mixtures

Not applicable

Chemical nature Mixture

The following substances shall be indicated according to legislation:

#### Classification according to Regulation (EC) nr. 1272/2008

<u>Reach</u> <u>Registration</u> <u>No.</u>	<u>CAS No</u> <u>Substance name</u> <u>EC No.</u>	<u>SCL,</u> <u>M-factor,</u> <u>ATE</u> <u>% Weight</u>
26628-22-8 <b>Sodium azide</b> 247-852-1 Acute Tox. 2 ;H300 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 Not available ATE oral = Not applicable. M-Factor =1		<0.01

For the full text of the H phrases not mentioned in this Section or in Section 2, see Section 16.

## SECTION 4. FIRST-AID MEASURES

### 4.1 Description of first aid measures

Do not induce vomiting. Never give anything by mouth to a person who is unconscious or is having convulsions. When symptoms persist or in all cases of doubt, seek medical advice.

:

#### *Ingestion*

If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing stops, provide artificial respiration. When symptoms persist or in all cases of doubt, seek medical advice.

:

#### *Inhalation*

Wash off with plenty of water. When symptoms persist or in all cases of doubt, seek medical advice. Wash contaminated clothing before reuse.

#### *Skin contact*

:

Immediately flush eye(s) with plenty of water. When symptoms persist or in all cases of doubt, seek medical advice.

#### *Eye contact*

:

### 4.1.2 Self-protection for the first aider

:

None known or reported by the manufacturer.

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

Inhalation of dusts may cause respiratory irritation.

May cause slight eye and skin irritation. Direct eye contact may cause slight redness. Direct skin contact may cause temporary redness.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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### 4.3 Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

#### *Suitable extinguishing media*

Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

#### *Unsuitable extinguishing media*

None known.

Not classified as flammable. Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; ; Nitrogen oxides (NOx); Sodium oxides ; Hydrogen chloride; Potassium oxides; Other unidentified organic compounds .

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

### 5.3 Advice for firefighters

#### *Protective equipment for fire-fighters*

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

#### *Special fire-fighting procedures*

Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

Wear appropriate protective equipment.

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

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Prevent product from entering drains, sewers, waterways and soil.

### 6.2 Environmental precautions

Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Sweep up or vacuum up spillage and collect in suitable container for disposal. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

### 6.3 Methods and material for containment and cleaning up

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of contaminated material.

Use with adequate ventilation. Wear suitable protective equipment during handling. Avoid breathing dust, fume or vapors. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling.

### 7.1 Precautions for safe handling

## SECTION 7. HANDLING AND STORAGE

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

Store in cool/well-ventilated place. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Store away from incompatible materials (see Section 10 of the SDS).

### 7.3 Specific end use(s)

Research and development only.

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### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control Parameters

##### Exposure Limits:

<u>Chemical Name</u>
<u>Exposure Limits</u>
<u>Type</u>
<u>Notes</u>

##### **Sodium azide**

0.1 mg/m<sup>3</sup> (TWA);

0.3mg/m<sup>3</sup> (STEL)

European Union (OEL)

None.

0.1 mg/m<sup>3</sup> VME (restrictive limit);0.3 mg/m<sup>3</sup> VLCT (restrictive limit)

France (OEL)

Risk of cutaneous absorption

##### **Biological Exposure Indices:**

No biological exposure limits noted for the ingredient(s).

Derived No Effect Level (DNEL):

No information available.

Predicted No Effect Concentration (PNEC):

No information available.

#### 8.2 Exposure controls

##### **Ventilation and engineering measures**

:

Provide adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

##### **Respiratory protection**

:

In case of insufficient ventilation wear suitable respiratory equipment. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. Seek advice from respiratory protection specialists. Gloves impervious to the material are recommended. Wear as appropriate: Latex gloves; Neoprene gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it. Wear sufficient clothing to prevent skin contact.

:

##### **Skin protection**

Wear as appropriate: Safety glasses with side shields; Tightly fitting safety goggles. See also EN 166.

:

##### **Eye / face protection**

##### **Other protective equipment**

:

Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

##### **General hygiene considerations**

:

Avoid breathing dust, fume or vapors. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

#### 8.3 Environmental exposure controls

:

Avoid release to the environment.

Not available.

:

##### **Physical state**

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

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Colour**

Not available.

**Odour**

Not available.

**Odour threshold**

No information available.

**pH**

Not available.

**Flash point**

Not available.

No information available.

**Flashpoint (Method)**

**Lower flammable limit (% by vol.)**

No information available.

No information available.

**Upper flammable limit (% by vol.)**

No information available.

**Auto-ignition temperature**

**Decomposition temperature**

Not available.

None.

**Oxidizing properties**

**Explosive properties**

Not explosive

Not available.

**Initial boiling point and boiling range**

**Melting/Freezing point**

Not available.

Not available.

**Relative density**

**Solubility in water**

Insoluble.

**Other solubility(ies)**

No information available.

Not available.

**Vapour pressure**

Not available.

**Vapour density**

No information available.

**Partition coefficient: n-octanol/water**

Not applicable.

**Viscosity**

:

**Evaporation rate (BuAe = 1)**

:

No information available.

**Particle characteristics**

:

Not applicable.

**9.2 Other Information**

No information available.

**Volatiles (% by weight)**

:

:

**Volatile organic Compounds (VOC's)**

No information available.

No additional information.

:

**Other physical/chemical comments**

Not normally reactive.

**SECTION 10. STABILITY AND REACTIVITY**

:

**10.1 Reactivity**

Stable under normal conditions.

:

**10.2 Chemical stability**

**10.3 Possibility of hazardous reactions**

:

Hazardous polymerization does not occur.

:

Direct sources of heat. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

**10.4 Conditions to avoid**

**10.5 Incompatible materials**

:

Strong oxidizing agents; Strong acids; Strong bases; Nitrogen compounds

**10.6 Hazardous decomposition products**



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None known.

In the event of fire the following can be released: Carbon oxides; Nitrogen oxides (NOx); Sodium oxides ; Hydrogen chloride; Other unidentified organic compounds

:  
:

### Acute toxicity

According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.

### 11.1 Information on Toxicological effects:

#### SECTION 11. TOXICOLOGICAL INFORMATION

:

### Skin corrosion/Irritation

According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

### Serious eye damage/irritation

:

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

:

### Respiratory or skin sensitisation

According to the classification criteria of the European Union, this product is not considered as being an allergic respiratory sensitiser.

According to the classification criteria of the European Union, this product is not considered as being an allergic skin sensitiser.

Contains no ingredient listed as a mutagen.

### Germ cell mutagenicity

:

### Carcinogenicity

Contains no ingredient listed as a carcinogen.

:

### Reproductive toxicity

Contains no ingredient listed as toxic to reproduction.

:

### STOT-single exposure

:

According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through a single exposure.

### STOT-repeated exposure

:

According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through repeated exposures.

According to the classification criteria of the European Union, this product is not considered as being an aspiration hazard to humans.

:

### Aspiration hazard

Inhalation; Skin contact; Eye contact; Ingestion

:

### Routes of exposure

#### Effects of acute exposure

Inhalation: Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

Skin contact: Direct skin contact may cause slight or mild, transient irritation. Direct skin contact may cause temporary redness.

Eye contact: Direct eye contact may cause slight or mild, transient irritation. Direct eye contact may cause slight redness.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

:

### Potential Chronic Health Effects

None known or reported by the manufacturer.

:

### Information on other Hazards

None known or reported by the manufacturer.

:

#### 11.1.1 Acute Toxicity

No data is available on the product itself.

See below for individual ingredient acute toxicity data.

**Toxicological data**

Sodium azide

:  
LD<sub>50</sub>  
LC<sub>50</sub>(4hr)  
inh, rat  
Chemical name  
(Rabbit, dermal)  
(Oral, rat)

N/Av  
27 mg/kg  
50 mg/kg

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### 12.1 Toxicity

:

Not expected to be harmful to aquatic organisms.

No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity data:

	<b>NOEC / 21 day</b>
	<b>LC50 / 96h</b>
	<b>M Factor</b>
	<b>Toxicity to Fish</b>
	<b>CAS No</b>
	<b><u>Ingredients</u></b>
Sodium azide	0.8 mg/L 26628-22-8 N/Av 1
	<b>CAS No</b>
	<b><u>Ingredients</u></b>
	<b>Toxicity to Daphnia</b>
	<b>EC50 / 48h</b>
	<b>NOEC / 21 day</b>
	<b>M Factor</b>
	26628-22-8 None. N/Av N/Av
Sodium azide	
	<b>CAS No</b>
	<b><u>Ingredients</u></b>
	<b>Toxicity to Algae</b>
	<b>EC50 / 96h or 72h</b>
	<b>NOEC / 96h or 72h</b>
	<b>M Factor</b>
Sodium azide	26628-22-8  N/Av N/Av None.
The product itself has not been tested.	
<b>12.2 Persistence and degradability</b>	:
The product itself has not been tested.	
<b>12.3 Bioaccumulation potential</b>	:
	:
<b>12.4 Mobility in soil</b>	:
The product itself has not been tested.	
<b>12.5 Results of PBT and vPvB assessment</b>	:
This mixture contains no substance(s) above reportable levels which are considered to be persistent, bioaccumulating nor toxic (PBT), or very persistent and very bioaccumulating (vPvB).	
<b>12.6 Endocrine disrupting properties</b>	:
None known or reported by the manufacturer.	
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	
	:
<b>12.7 Other Adverse Environmental effects</b>	:
	:
<b>12.8 Additional information</b>	:

None known or reported by the manufacturer.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:**

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### Handling for Disposal

Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. This material and its container must be disposed of in a safe way.  
Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

### Methods of Disposal

#### SECTION 14. TRANSPORTATION INFORMATION

##### *Regulatory Information*

##### 14.1 UN Number

##### 14.2 UN proper shipping name

##### 14.4 Packing

##### Group

##### Label

##### 14.3 Transport hazard class(es)

not regulated

not regulated  
ADR/RID

None.

none

##### Additional information

Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.

##### ADR/RID

Not regulated.

not regulated  
ICAO/IATA

None.

none

##### Additional information

None.

##### ICAO/IATA

Not regulated.

not regulated  
IMDG

None.

none

##### Additional information

None.

##### IMDG

### 14.5 Environmental hazards

This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

Appropriate advice on safety must accompany the package.

**14.6 Special precautions for user**

Not applicable.

:

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**SECTION 15. REGULATORY INFORMATION**

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

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This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.  
Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous substances and mixtures.

### Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:

None of the components are specifically listed.

### Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended:

None of the components are specifically listed.

Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances:

Sodium azide (CAS # 26628-22-8)

Directive 98/24/EC on the protection of the health and safety of workers from risks related to chemical agents at work:

Sodium azide (CAS # 26628-22-8)

Directive 94/33/EC on the protection of young people at work:

Sodium azide (CAS # 26628-22-8)

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended [including Regulation (EU) 2015/830].

Follow national regulation for work with chemical agents.

German legislation on substances that are hazardous to water AwSV: Water hazard class (Germany) - 1 (self classified)

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out by the Manufacturer of this product.

### SECTION 16. OTHER INFORMATION

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

CAS: Chemical Abstract Services

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

EC: European Community

EC50: Effective Concentration 50%

ECHA: European Chemicals Agency

EU: European Union

IATA: International Air Transport Association

IBC: Intermediate Bulk Container

ICAO: International Civil Aviation Organisation

IMDG: International Maritime Dangerous Goods

LC: Lethal Concentration

LD: Lethal Dose

NOEC: No observable effect concentration

OECD: Organisation for Economic Co-operation and Development

OEL: National occupational exposure limits

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

SCBA: Self-Contained Breathing Apparatus

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

### Legend

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1. Material Safety Data Sheet from manufacturer.
2. Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases
3. European Chemicals Agency, Classification Legislation
4. OECD - The Global Portal to Information on Chemical Substances

### Information Source

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Not applicable.

H-phrases (full-text)

H300 Fatal if swallowed.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

EUH032 - Contact with acids liberates very toxic gas.

### Regulation and Procedure

Other special considerations for handling

Provide adequate information, instruction and training for operators.

### Prepared by:

Slingshot Biosciences

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## DISCLAIMER

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