



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

**1. Identification of the substance/preparation and of the company/undertaking****1.1 Identification of the substance**

<b>Product code:</b>	<b>SmixDAB_1</b>
<b>Product name:</b>	Species Mix HYE DIGEST A+B
<b>Unique Formular Identifier (UFI):</b>	Not applicable
<b>Chemical name:</b>	Not applicable
<b>REACH registration number:</b>	No registration number is currently available for this substance or substances in this mixture, as the annual import quantity is below one ton per year, or the transition period for its registration under Article 23 of REACH has not yet expired.

**1.2 Use of the substance**

<b>Relevant identified uses:</b>	For research use only
<b>Description code:</b>	SU22: Professional uses – Public domain (administration, education, services, craftsmen). PROC15: Use as laboratory reagent PC21: Laboratory chemicals. SU24: Scientific research and development.
<b>Use advised against:</b>	Not for consumer use

**1.3 Company/undertaking identification**

<b>Supplier Information for the Safety Data Sheet:</b>	ProTec Diagnostics GmbH Friedrich-Ludwig-Jahn-Str. 4 17475 Greifswald, Deutschland +49 1776865723 info@ProTec-Diagnostics.com
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**1.4 Emergency telephone**

<b>24 hours Emergency Response for Hazardous Materials [or Dangerous Goods] Incident. Spill, Leakage, Fire, Exposure, or Accident. Call CHEMTREC:</b>	USA & Canada: +1-800-424-9300 (Toll-Free) International: +1-703-741-5970
<b>Country Specific Emergency Number (if available):</b>	24h "Giftnotruf" +49 361-730730 (Greeting Language: English and German)



## 2. Hazards identification

### 2.1 Classification of the substance/mixture:

Classification according to regulation (EC) No. 1272/2008 [CLP]

Physical hazards: Not hazardous

Health hazards: Not hazardous

Environmental hazards: Not hazardous

### 2.2 Label elements:

Labelling according to regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms: No pictogram

Signal word: none

### 2.2 Label elements:

Labelling according to regulation (EC) No. 1272/2008 [CLP]

Hazard Statements: Not applicable

EU Specific Hazards Statements: Not applicable

### 2.3 Precautionary statements:

Precautionary Statements according to regulation (EC) No. 1272/2008 [CLP]

Prevention: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Other hazards: This mixture does not contain any substances that are assessed to be a PBT or a vPvB

## 3. Composition/information of ingredients

This product does not contain any substances that are considered hazardous to health at their given concentration. However, we advise caution when handling chemicals.



#### 4. First aid measures

##### Description of first aid measurements

<b>Skin contact:</b>	Rinse the skin thoroughly with water. Immediate medical attention is not required.
<b>Eye contact:</b>	Rinse carefully with water for several minutes. If contact lenses are present and easy to remove, take them out and continue rinsing.
<b>Ingestion:</b>	Under normal use conditions, ingestion is not expected to pose a significant hazard. In case you feel unwell, seek medical advice.
<b>Inhalation:</b>	Not expected to be an inhalation hazard under anticipated conditions of normal use of this product. Consult a physician if necessary.
<b>Notes to Physician:</b>	Treat symptomatically.

##### Indication of any immediate medical attention and

**special treatment needed:** None

#### 5. Fire-fighting measures

##### Extinguishing media

<b>1. Suitable extinguishing media:</b>	Carbon dioxide (CO <sub>2</sub> ), foam, water.
<b>2. Extinguishing media, which shall not be used for safety reasons:</b>	No information available
<b>3. Hazards from combustion products:</b>	Unknown
<b>4. Specialized Firefighting equipment:</b>	No
<b>5. Advice for firefighters:</b>	Standard procedure for chemical fires.



## 6. Accidental release measures

### 6.1 Personal precautions

Ensure adequate ventilation/adequate respiratory protection.

Always wear recommended personal protective equipment.

Use personal protection equipment.

See section 8 for more information.

### 6.2 Environmental precautions:

No special environmental precautions required.

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

No absorbent material are required. Take up mechanically, placing in an appropriate container for disposal.

### 6.4 Reference to other sections

Refer to section 8 for additional information.

## 7. Handling and storage

### 7.1 Handling

Use personal protective equipment as necessary. No special handling advices.

### 7.2 Conditions for safe storage

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.

### 7.3 Specific use(s)

For research use only.

## 8. Exposure controls/personal protection

### 8.1 Exposure limit values

Does not contain any substances with occupational exposure limits. Ensure adequate ventilation.

### 8.2 Exposure controls/personal protection equipment

#### Respiratory protection:

In case of insufficient ventilation, use respirators and components that meet the required government safety standard.

#### Hand protection:

Wear appropriate gloves. Glove material: chemical-resistant gloves.

#### Eye protection:

Tight sealing safety goggles.

#### Skin protection:

Wear suitable protective clothing.

#### Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

### 8.3 Environmental exposure controls

No special environmental precautions are required for this product.

**9. Physical and chemical properties**

Physical state:	solid
Color:	colorless
Odour:	No data
pH:	No data
Melting point/melting range (°C):	No data
Boiling point/boiling range (C°):	No data
Flash point:	No data
Autoignition temperature:	No data
Decomposition temperature:	No data
Flammability (solid, gas):	No data
Lower/Upper explosion limit:	No data
Explosive properties:	No data
Oxidising properties:	No data
Vapour pressure:	No data
Relative density:	No data
Solubility:	No data
Water solubility:	Yes
Partition coefficient: n-octanol/water:	No data
Vapour density:	No data
Evaporation rate:	No data
Particle characteristics:	No data
<b>Other information</b>	
Other safety parameters:	No data available
Information with regards to physical hazard classes:	No data available

**10. Stability and reactivity**

Reactivity:	None known.
Chemical stability:	Chemically stable under normal conditions.
Possibility of hazardous reactions:	No recorded hazardous reactions.
Conditions to avoid:	No information available.
Materials to avoid:	No dangerous interactions known.
Hazardous decomposition products:	No data available.

**11. Toxicological information****Information on hazard classes as defined in Regulation (EC) No. 1272/2008**

No evidence available indicating acute toxicity.

**1. Toxicokinetics, Metabolims,****Distribution:**

No data available, based on the known chemical structure no toxicokinetic risks are expected.

**2. Acute toxicity:**

No acute toxic effects known.

**3. Skin and Eye Irritation:**

Not classified as a skin irritant, no eye irritation expected.

**4. Respiratory or skin sensitization:**

No sensitizing potential known.

**5. Repeated Dose Toxicity/Chronic****Toxicity:**

No harmful effects known from repeated exposure.

**6. CMR effects (Carcinogenicity,****Mutagenicity, Reproductive****Toxicity):**

No evidence of carcinogenic, mutagenic or reproductive toxicity properties.

**7. Specific target organ toxicity (single****or repeated exposure):**

No known effects on specific organs.

**8. Aspiration hazard:**

No risk of aspiration toxicity known.

**9. Endocrine disrupting properties:**

No information available.

**10. Other information:**

No information available.

**12. Ecological information****Toxicity:**

Contains no substances known to be hazardous.

**Ecotoxicity:**

No known acute or chronic toxicity to environmental/aquatic organisms. Not expected to inhibit microbial activity in wastewater treatment plants.

**Mobility in soil:**

No data available.

**Persistence and degradability:**

Biodegradable under environmental conditions. No information in terms of persistence available.

**Bioaccumulative potential:**

No information available.

**Results of PBT/vPvB assessment:**

The mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Endocrine disrupting properties:**

Product does not contain any known or suspected endocrine disruptors.

**Other adverse effects:**

No information available.



**13. Disposal considerations**

It is recommended to avoid releasing the product into drains or the environment. Empty containers or liners may retain some product residues. Contaminated packaging must be disposed of following official waste disposal regulations. Disposal of this product, solutions or any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

**14. Transport information**

<b>Transport regulations</b>	
<b>DOT-US:</b>	Not regulated in the meaning of transport regulations
<b>IMDG (Sea):</b>	Not classified as dangerous goods
<b>ADR (Road):</b>	Not classified as dangerous goods
<b>RID (Rail):</b>	Not classified as dangerous goods
<b>ICAO/IATA (Air):</b>	Not classified as dangerous goods
<b>Transport classification</b>	
<b>UN Number:</b>	Not applicable
<b>Transport hazards class(es):</b>	Not applicable
<b>Packaging Group:</b>	Not applicable
<b>Proper Shipping Name:</b>	Not applicable
<b>Marine Pollutant:</b>	Not applicable
<b>Environmental hazards:</b>	Not applicable
<b>Special precautions for user:</b>	Not applicable
<b>Maritime transport in bulk according to IMO instruments:</b>	Not applicable

**15. Regulatory information**

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

None

**Substances of very high concern**

None

**Substance subject to authorisation per REACH Annex XVI**

None

**Restricted substances under EC 1907/2006 Annex XVII**

None

**Regulation (EC) No. 649/2012 (Rotterdam Convention - export/import of dangerous chemicals)**

None

**Regulation (EU) No. 2019/1021 (Stockholm Convention - persistent organic pollutants)**

None

**EU – Substances depleting the ozone layer (1005/2009)**

None

**German water hazard classes (Wassergefährdungsklassen)**

Not classified

**Other international inventories**

No Information available

**Chemical safety assessment**

No Chemical safety assessment has been carried out.



**16. Other information**

Reason for revision: -  
Revision number: 0  
Revision date: -

**Classification and procedure to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

Not classified

**References**

ECHA: <https://echa.europa.eu/de/>

TOXNET: <https://www.nlm.nih.gov/toxnet/index.html>

eChemPortal: <https://www.echemportal.org/echemportal/>

**Abbreviations and acronyms**

<b>IATA</b>	International Air Transport Association
<b>DOT</b>	Department of Transportation
<b>IMDG</b>	International Maritime Dangerous Goods
<b>RID</b>	Regulation concerning the International Carriage of Dangerous Goods by Rail

This safety data sheet is in compliance with the requirements of Regulation (EC) No. 1907/2006 COMMISSION REGULATION (EU) 2020/878, which amends Annex II to Regulation (EC) No. 19907/2006.

The information provided above has been gathered through diligent search and investigation, and the recommendations are based on the prudent application of professional judgement. This information should not be considered exhaustive and is intended solely as a guide. All material and mixtures may present unforeseen hazards and should be handled with caution. Since the company cannot control the actual methods, volumes or conditions of use, THE COMPANY **WILL NOT BE HELD LIABLE** FOR ANY DAMAGES OR LOSSES ARISING FROM HANDLING OR CONTACT WITH THE PRODUCT AS DESCRIBED herein. The information in this SDS DOES NOT CONSTITUTE WARRANTY, either expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose.