

**SAFETY DATA SHEET**

***PolyAgave PPT4 (BIOSOLUTIONS)***

Version Number 1.1  
 Revision Date 08/07/2024

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# SAFETY DATA SHEET

## PolyAgave PPT4 (BIOSOLUTIONS)

### Section 1. Identification

GHS product identifier : PolyAgave PPT4 (BIOSOLUTIONS)  
 Chemical name : Mixture  
 CAS number : Mixture  
 Other means of identification : EM10054805  
 Product type : solid

**Relevant identified uses of the substance or mixture and uses advised against**

Product use : Industrial applications. Plastics.

Supplier's details : **GEON Performance Solutions LLC**  
 25777 Detroit Road Suite 202, Westlake, Ohio 44145

Emergency telephone number (with hours of operation) : 1-800-GET-GEON or 1-800-438-4366  
 CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

### Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status :

Classification of the substance or mixture :

**GHS label elements**

Signal word : No signal word.  
 Hazard statements : No known significant effects or critical hazards.

**Precautionary statements**

General :

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Prevention :  
 Response :  
 Storage :  
 Disposal :  
 Supplemental label elements :  
 Hazards not otherwise classified :

**Section 3. Composition/information on ingredients**

Substance/mixture :  
 Chemical name : Mixture  
 Other means of identification : EM10054805

CAS number/other identifiers

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Occupational exposure limits, if available, are listed in Section 8.

**Section 4. First aid measures**

Description of necessary first aid measures

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

Over-exposure signs/symptoms

Eye contact :  
 Inhalation :  
 Skin contact :

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Ingestion :

**Indication of immediate medical attention and special treatment needed, if necessary**

Notes to physician :  
Specific treatments :

Protection of first-aiders :

See toxicological information (Section 11)

**Section 5. Fire-fighting measures**

**Extinguishing media**

Suitable extinguishing media :  
Unsuitable extinguishing media :

Specific hazards arising from the chemical :  
Hazardous thermal decomposition products :

Special protective actions for fire-fighters :  
Special protective equipment for fire-fighters :

**Section 6. Accidental release measures**

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

For non-emergency personnel :  
For emergency responders :

Environmental precautions :

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

Small spill :  
Large spill :

**Section 7. Handling and storage**

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**Precautions for safe handling**

- Protective measures :
- Advice on general occupational hygiene :
  
- Conditions for safe storage, including any incompatibilities :

**Section 8. Exposure controls/personal protection**

**Control parameters**

**Occupational exposure limits**

- Appropriate engineering controls :
- Environmental exposure controls :

**Individual protection measures**

- Hygiene measures :
- Eye/face protection :

**Skin protection**

- Hand protection :
- Body protection :
- Other skin protection :
- Respiratory protection :

**Section 9. Physical and chemical properties**

**Appearance**

- Physical state : solid [Pellets.]
- Color : TRANSPARENT
- Odor : Not available.
- Odor threshold : Not available.
- pH : Not available.
- Melting point : Not available.
- Boiling point : Not available.
- Flash point : Not available.

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<b>Burning time</b>	:	Not available.
<b>Burning rate</b>	:	Not available.
<b>Evaporation rate</b>	:	Not available.
<b>Flammability (solid, gas)</b>	:	Not available.
<b>Lower and upper explosive (flammable) limits</b>	:	<b>Lower:</b> Not available. <b>Upper:</b> Not available.
<b>Vapor pressure</b>	:	Not available.
<b>Vapor density</b>	:	Not available.
<b>Relative density</b>	:	Not available.
<b>Solubility</b>	:	Not available.
<b>Solubility in water</b>	:	Not available.
<b>Partition coefficient: n-octanol/water</b>	:	Not available.
<b>Auto-ignition temperature</b>	:	Not available.
<b>Decomposition temperature</b>	:	Not available.
<b>SADT</b>	:	Not available.
<b>Viscosity</b>	:	<b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

**Section 10. Stability and reactivity**

<b>Reactivity</b>	:	
<b>Chemical stability</b>	:	
<b>Possibility of hazardous reactions</b>	:	
<b>Conditions to avoid</b>	:	
<b>Incompatible materials</b>	:	
<b>Hazardous decomposition products</b>	:	

**Section 11. Toxicological information**

Information on toxicological effects

Acute toxicity

**Conclusion/Summary** : Mixture.Not fully tested.

Irritation/Corrosion

**Conclusion/Summary**

<b>Skin</b>	:	Mixture.Not fully tested.
<b>Eyes</b>	:	Mixture.Not fully tested.
<b>Respiratory</b>	:	Mixture.Not fully tested.

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**Sensitization**

**Conclusion/Summary**  
**Skin** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Mutagenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Carcinogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Reproductive toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Teratogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Specific target organ toxicity (single exposure)**

**Specific target organ toxicity (repeated exposure)**

**Aspiration hazard**

**Information on the likely routes of exposure** : Not available.

**Potential acute health effects**

**Eye contact** :  
**Inhalation** :  
**Skin contact** :  
**Ingestion** :

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** :  
**Inhalation** :  
**Skin contact** :  
**Ingestion** :

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**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

**Long term exposure**

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

**Potential chronic health effects**

**Conclusion/Summary** : Mixture.Not fully tested.  
**General** :  
**Carcinogenicity** :  
**Mutagenicity** :  
**Teratogenicity** :  
**Developmental effects** :  
**Fertility effects** :

**Numerical measures of toxicity**

**Acute toxicity estimates**

**Other information** : This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

<b>Section 12. Ecological information</b>
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**Toxicity**

Product/ingredient name	Result	Species	Exposure
PolyAgave PPT4 (BIOSOLUTIONS)			
<b>Remarks - Acute - Aquatic invertebrates.:</b>	Chemicals are not readily available as they are bound within the polymer matrix.		

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the

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polymer matrix.

**Persistence and degradability**

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the polymer matrix.

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the polymer matrix.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

**Soil/water partition coefficient (KOC)** : Not available.

**Other adverse effects** :

**Section 13. Disposal considerations**

**Section 14. Transport information**

U.S.DOT 49CFR Ground/Air/Water : Not regulated for transportation.

International Air ICAO/IATA : Not regulated for transportation.

International Water IMO/IMDG : Not regulated for transportation.

**Section 15. Regulatory information**

**U.S. Federal regulations** :



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**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

**SARA 311/312**

**Classification** : Not applicable.

**Composition/information on ingredients**

No products were found.

Not applicable.

**State regulations**  
**California Prop. 65**

**International regulations**

**Inventory list**

- Australia :
- Canada :
- China :
- Europe inventory :
- Japan :
- New Zealand :
- Philippines :
- Republic of Korea :
- Taiwan :
- Turkey :
- United States :

**Section 16. Other information**

**History**

- Date of printing** : 11/26/2024
- Date of issue/Date of revision** : 08/07/2024
- Date of previous issue** : 01/10/2023
- Version** : 1.1
- Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor

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GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations  
References : Not available.

**Notice to reader**

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