

## SAFETY DATA SHEET

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## GEON 6010 FR NAT

### Section 1. Identification

GHS product identifier : GEON 6010 FR NAT  
Chemical name : Mixture  
CAS number : Mixture  
Other means of identification : VC10013848  
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 for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions. 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

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- General :
- 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 : VC10013848

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 :

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Inhalation :  
Skin contact :  
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 :

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**Section 7. Handling and storage**

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 : NO PIGMENT  
Odor : Not available.  
Odor threshold : Not available.  
pH : Not available.  
Melting point : Not available.

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<b>Boiling point</b>	:	Not available.
<b>Flash point</b>	:	Not available.
<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 SADT</b>	:	Not available.
<b>Viscosity</b>	:	<b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

**Aerosol product**

<b>Heat of combustion</b>	:	Not available.
<b>Ignition distance</b>	:	Not available.
<b>Enclosed space ignition - Time equivalent</b>	:	Not available.
<b>Enclosed space ignition - Deflagration density</b>	:	Not available.
<b>Flame height</b>	:	Not available.
<b>Flame duration</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**

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**Information on toxicological effects**

**Acute toxicity**

Conclusion/Summary : Mixture.Not fully tested.

**Irritation/Corrosion**

Conclusion/Summary

Skin : Mixture.Not fully tested.

Eyes : Mixture.Not fully tested.

Respiratory : Mixture.Not fully tested.

**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**

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Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

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

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

**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.

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**Section 12. Ecological information**

Toxicity

Product/ingredient name	Result	Species	Exposure
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<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 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 : Not regulated for transportation.  
 Ground/Air/Water



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International Air : Consult mode specific transport rules  
 ICAO/IATA

International Water : Consult mode specific transport rules  
 IMO/IMDG

**Section 15. Regulatory information**

- U.S. Federal regulations :
- Clean Air Act Section 112(b) :
- Hazardous Air Pollutants (HAPs)
- Clean Air Act Section 602 Class I Substances :
- Clean Air Act Section 602 Class II Substances :
- DEA List I Chemicals (Precursor Chemicals) :
- DEA List II Chemicals (Essential Chemicals) :

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

Chemical Name	CAS-No.	RQ for component
Zinc borate	1332-07-6	1,000 lb(s) 454 kg

**SARA 311/312**

**Classification** : Not applicable.

**Composition/information on ingredients**

No products were found.

Not applicable.

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

**United States inventory (TSCA 8b)** : All components are active or exempted.

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**Canada inventory** : At least one component is not listed in DSL but all such components are listed in NDSL.

International regulations

Inventory list

- Australia** : Not determined.
- Canada** : At least one component is not listed in DSL but all such components are listed in NDSL.
- China** : All components are listed or exempted.
- Europe inventory** : All components are listed or exempted.
- Japan** : Not determined.
- New Zealand** : Not determined.
- Philippines** : Not determined.
- Republic of Korea** : Not determined.
- Taiwan** : Not determined.
- Turkey** : Not determined.
- United States** : All components are active or exempted.

**Section 16. Other information**

History

- Date of printing** : 12/21/2024
- Date of issue/Date of revision** : 09/12/2022
- Date of previous issue** : 00/00/0000
- Version** : 1.0

**Key to abbreviations**

- : ATE = Acute Toxicity Estimate
- : BCF = Bioconcentration Factor
- : 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

**To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or**

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**completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.**