

## SAFETY DATA SHEET

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**Geon™ DB5106 Neutral 5003-4****Section 1. Identification**

GHS product identifier : Geon™ DB5106 Neutral 5003-4  
Chemical name : Mixture  
CAS number : Mixture  
Other means of identification : FO20034275  
Product type : liquid

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

Product use : Industrial applications. Plastics.

Supplier's details : **POLYONE CORPORATION**  
33587 Walker Road, Avon Lake, OH 44012  
  
1 (440) 930-1000 or 1 (866) POLYONE

Emergency telephone number (with hours of operation) : 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. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants 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. See sections 8 and 11 for special precautions. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

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** : Not available.

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

**Substance/mixture** :  
**Chemical name** : Mixture  
**Other means of identification** : FO20034275

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

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Eye contact :  
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. Firefighting 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 : liquid [liquid]  
Color : NO PIGMENT  
Odor : Not available.  
Odor threshold : Not available.

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<b>pH</b>	:	Not available.
<b>Melting point</b>	:	Not available.
<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</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

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.

### Information on toxicological effects

#### Acute toxicity

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

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**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 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**

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Eye contact :  
Inhalation :  
Skin contact :  
Ingestion :

**Delayed and immediate effects as well as 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**

Not available.

**Section 12. Ecological information**
**Toxicity**

Conclusion/Summary : Not available.

**Persistence and degradability**

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**Conclusion/Summary** : Not available.

**Bioaccumulative potential**  
**Mobility in soil**

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

**Section 13. Disposal considerations**

**Section 14. Transport information**

U.S. DOT Classification : Not regulated for transportation.  
ICAO/IATA : Consult mode specific transport rules  
IMO/IMDG (maritime) : Consult mode specific transport rules

**Section 15. Regulatory information**

**U.S. Federal regulations** :

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

**SARA 311/312**

**Classification** : Not applicable

**Composition/information on ingredients**

**SARA 313**

Not applicable.

**State regulations**



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**International regulations**

International lists :  
Chemical Weapons Convention :  
List Schedule I Chemicals :  
Chemical Weapons Convention :  
List Schedule II Chemicals :  
Chemical Weapons Convention :  
List Schedule III Chemicals :

**Section 16. Other information**
**History**

Date of printing : 01/24/2017  
Date of issue/Date of revision : 01/23/2017  
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**

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