

**SAFETY DATA SHEET**

**TRANS BLUE**

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# SAFETY DATA SHEET

## TRANS BLUE

### Section 1. Identification

**GHS product identifier** : TRANS BLUE  
**Chemical name** : Mixture  
**CAS number** : Mixture  
**Other means of identification** : CC10391403  
**Product type** : solid

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

**Product use** : Industrial applications.

**Supplier's details** : **AVIENT CORPORATION**  
 33587 Walker Road, Avon Lake, OH 44012  
 1 (440) 930-1000 or 1 (844) 4AVIENT

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

### Section 2. Hazards identification

**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** :  
**Prevention** :  
**Response** :  
**Storage** :  
**Disposal** :

**Hazards not otherwise classified** : Not available.

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

Substance/mixture :  
 Chemical name : TRANS BLUE  
 Other means of identification : TRANS BLUE

**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 :  
 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)

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**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**

Precautions for safe handling

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

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## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

#### Biological exposure indices

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

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

Physical state : solid [Pellets.]  
 Color : BLUE  
 Odor : Faint odor.  
 Odor threshold : Not available.  
 pH : Not available.  
 Melting point/freezing point : Not available.  
 Boiling point or initial boiling point and boiling range : Not available.  
 Flash point : Not applicable.  
 Evaporation rate : Not available.  
 Flammability : Not available.  
 Lower and upper explosion : **Lower:** Not applicable.

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<b>limit/flammability limit</b>		<b>Upper:</b> Not applicable.
<b>Vapor pressure</b>	:	Not available.
<b>Relative vapor density</b>	:	Not applicable.
<b>Relative density</b>	:	Not available.
<b>Solubility in water</b>	:	insoluble in water.
<b>Partition coefficient: n-octanol/water</b>	:	Not applicable.
<b>Auto-ignition temperature</b>	:	Not applicable.
<b>Decomposition temperature</b>	:	Not available.
<b>Viscosity</b>	:	<b>Dynamic</b> : Not available. <b>Kinematic</b> : Not available.

#### Particle characteristics

**Median particle size** : 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.

##### Skin corrosion/irritation

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

#### **Serious eye damage/eye irritation**

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

#### **Respiratory corrosion/irritation**

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

#### **Respiratory or skin sensitization**

##### **Skin**

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

##### **Respiratory**

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

#### **Germ cell mutagenicity**

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

#### **Carcinogenicity**

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

#### **Reproductive toxicity**

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

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

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

#### **Aspiration hazard**

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**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 :

**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**

Not available.

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

General :  
 Carcinogenicity :  
 Mutagenicity :  
 Reproductive toxicity :

**Numerical measures of toxicity**

Acute toxicity estimates

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**Section 12. Ecological information**

Toxicity

Product/ingredient name	Result
TRANS BLUE	<b>Remarks:</b> Chemicals are not readily available as they are bound within the polymer matrix.

**Conclusion/Summary** : Not available.

Persistence and degradability

Not available.

**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** : Not available.  
**Mobility** : Chemicals are not readily available as they are bound within the polymer matrix.

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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IATA : Not classified as dangerous goods under transport regulations.  
 IMDG : Not classified as dangerous goods under transport regulations.

**Section 15. Regulatory information**

**U.S. Federal regulations**

**TSCA 12(b) - Chemical export notification**

- 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) :

**SARA 302/304**

**Composition/information on ingredients**

No products were found.

SARA 304 RQ : Not applicable.

**SARA 311/312**

Classification : Not applicable.

**Composition/information on ingredients**

No products were found.

**State regulations**

**California Prop. 65**

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#### International regulations

##### Chemical Weapon Convention List Schedules I, II & III Chemicals

###### Chemical Weapons Convention List Schedule I Chemicals

None of the components are listed.

###### Chemical Weapons Convention List Schedule II Chemicals

None of the components are listed.

###### Chemical Weapons Convention List Schedule III Chemicals

None of the components are listed.

#### Montreal Protocol

None of the components are listed.

#### Stockholm Convention on Persistent Organic Pollutants

##### Annex A - Elimination - Production

None of the components are listed.

##### Annex A - Elimination - Use

None of the components are listed.

##### Annex B - Restriction - Production

None of the components are listed.

##### Annex B - Restriction - Use

None of the components are listed.

##### Annex C - Unintentional - Production

None of the components are listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

##### Rotterdam Convention on Prior Informed Consent (PIC) - Industrial

None of the components are listed.

##### Rotterdam Convention on Prior Informed Consent (PIC) - Pesticide

None of the components are listed.

##### Rotterdam Convention on Prior Informed Consent (PIC) -Severely hazardous pesticide

None of the components are listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

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**Heavy metals - Annex 1**

None of the components are listed.

**POPs - Annex 1 - Production**

None of the components are listed.

**POPs - Annex 1 - Use**

None of the components are listed.

**POPs - Annex 2**

None of the components are listed.

**POPs - Annex 3**

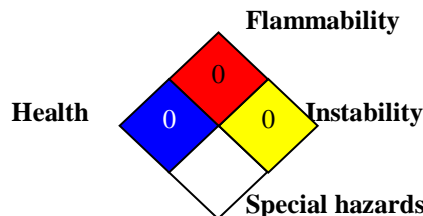
None of the components are listed.

**Inventory list**

- Australia** : All components are listed or exempted.
- Canada** : All components are listed or exempted.
- China** : All components are listed or exempted.
- Eurasian Economic Union** : **Russian Federation inventory:** Not determined.
- Japan** : **Japan inventory (CSCL):** Not determined.  
: **Japan inventory (ISHL):** Not determined.
- New Zealand** : All components are listed or exempted.
- Philippines** : All components are listed or exempted.
- Republic of Korea** : All components are listed or exempted.
- Taiwan** : All components are listed or exempted.
- Thailand** : Not determined.
- Turkey** : Not determined.
- United States** : All components are active or exempted.
- Viet Nam** : Not determined.

**Section 16. Other information**

**National Fire Protection Association (U.S.A.)**



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**Procedure used to derive the classification****History**

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<b>Version</b>	:	1.1
<b>Prepared by</b>	:	GHATES
<b>Key to abbreviations</b>	:	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor DOT = Department of Transportation GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods IMO = International Maritime Organization 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) N/A = Not available SGG = Segregation Group TDG = Transportation of Dangerous Goods UN = United Nations
<b>References</b>	:	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 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.**