

030BU2018 BLUE UV

Version Number 1.18 Page 1 of 19 Revision Date 11/14/2025 Print Date 11/17/2025

SAFETY DATA SHEET

030BU2018 BLUE UV

Section 1. Identification

GHS product identifier : 030BU2018 BLUE UV

Chemical name: MixtureCAS number: MixtureOther means of identification: CC10112768

Product type : solid

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

Product use : Industrial applications. Plastics.

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 : While this material is not considered hazardous by the OSHA Hazard

Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and

other users of this product.

Classification of the substance or

mixture

Not classified.

GHS label elements

Signal word : No signal word.

Hazard statements: No known significant effects or critical hazards.

Precautionary statements

Prevention: Not applicable.Response: Not applicable.Storage: Not applicable.

1/19



030BU2018 BLUE UV

Version Number 1.18 Page 2 of 19 Revision Date 11/14/2025 Print Date 11/17/2025

Disposal: Not applicable.Hazards not otherwise classified: None known.

Hazards identified when used : No known significant effects or critical hazards.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Chemical name030BU2018 BLUE UVOther means of identification030BU2018 BLUE UV

Ingredient name	Synonyms	%	Identifiers
Limestone	Limestone	>= 15 - <= 40	CAS: 1317-65-3
Ethene, chloro-, homopolymer	Ethene, chloro-, homopolymer	>= 10 - <= 30	CAS: 9002-86-2
1,2-Benzenedicarboxylic acid, di- C8-10-branched alkyl esters, C9- rich	1,2-Benzenedicarboxylic acid, di- C8-10-branched alkyl esters, C9- rich	>= 10 - <= 30	CAS: 68515-48- 0
Methanone, [2-hydroxy-4- (octyloxy)phenyl]phenyl-	octabenzone	>= 5 - <= 10	CAS: 1843-05-6
Titanium oxide	Titanium dioxide	>= 5 - <= 10	CAS: 13463-67-
Quartz (SiO2)	crystalline silica, respirable powder	> 0 - <= 1	CAS: 14808-60-

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

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

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the
		upper and lower eyelids. Check for and remove any contact lenses. Get

medical attention if irritation occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable

for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical



030BU2018 BLUE UV

Version Number 1.18 Page 3 of 19 Revision Date 11/14/2025 Print Date 11/17/2025

surveillance for 48 hours.

Skin contact : Flush contaminated skin with plenty of water. Remove contaminated

clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. If material has been swallowed and the

exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical

personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact:No known significant effects or critical hazards.Inhalation:No known significant effects or critical hazards.Skin contact:No known significant effects or critical hazards.Ingestion:No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: No specific data.Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

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

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms

may be delayed. The exposed person may need to be kept under

medical surveillance for 48 hours.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without

suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : In case of fire, use water spray (fog), foam, dry chemical or CO₂.

Unsuitable extinguishing media : None known.

Specific hazards arising from the : No specific fire or explosion hazard.



030BU2018 BLUE UV

Version Number 1.18 Page 4 of 19 Revision Date 11/14/2025 Print Date 11/17/2025

chemical

Hazardous thermal decomposition

products

: May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials:, carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds, metal oxide/oxides

Special protective actions for firefighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

No action shall be taken involving any personal risk or without

For emergency responders

For non-emergency personnel

: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill

: Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8).



030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Page 5 of 19 Print Date 11/17/2025

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Limestone	CAL OSHA PEL (2018-05-16). [limestone]
	TWA 8 hours: 10 mg/m3 Form: Total dust
	TWA 8 hours: 5 mg/m3 Form: Respirable fraction
	OSHA PEL 1989 (1989-03-01). [Calcium carbonate]
	TWA 8 hours: 5 mg/m3 Form: Respirable fraction
	TWA 8 hours: 15 mg/m3 Form: Total dust
	OSHA PEL 1989 (1989-03-01). [Limestone]
	TWA 8 hours: 5 mg/m3 Form: Respirable fraction
	TWA 8 hours: 15 mg/m3 Form: Total dust
	OSHA PEL 1989 (1989-03-01). [Marble]
	TWA 8 hours: 5 mg/m3 Form: Respirable fraction
	TWA 8 hours: 15 mg/m3 Form: Total dust
	OSHA PEL (1993-06-30). [Calcium Carbonate]
	TWA 8 hours: 5 mg/m3 Form: Respirable fraction
	TWA 8 hours: 15 mg/m3 Form: Total dust
	NIOSH REL (2015-02-13). [calcium carbonate]
	TWA 10 hours: 10 mg/m3 Form: Total
	TWA 10 hours: 5 mg/m3 Form: Respirable fraction
Ethene, chloro-, homopolymer	ACGIH TLV (2008-01-01). [Polyvinyl chloride] A4.
	TWA 8 hours: 1 mg/m3 Form: Respirable fraction
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030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Page 6 of 19 Print Date 11/17/2025

1,2-Benzenedicarboxylic acid, di-C8-10- branched alkyl esters, C9-rich	None.
Methanone, [2-hydroxy-4-(octyloxy)phenyl]phenyl-	None.
Titanium oxide	CAL OSHA PEL (2018-05-16). [titanium dioxide as Ti] TWA 8 hours: 10 mg/m3 (as Ti) Form: Total dust TWA 8 hours: 5 mg/m3 (as Ti) Form: Respirable fraction ACGIH TLV (2022-01-06). [titanium dioxide finescale particles] A3. TWA 8 hours: 2.5 mg/m3 Form: respirable fraction, finescale particles ACGIH TLV (2022-01-06). [titanium dioxide nanoscale particles] A3. TWA 8 hours: 0.2 mg/m3 Form: respirable fraction, nanoscale particles OSHA PEL 1989 (1989-03-01). [Titanium dioxide] TWA 8 hours: 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30). [Titanium dioxide] TWA 8 hours: 15 mg/m3 Form: Total dust
Quartz (SiO2)	OSHA PEL Z3 (1997-09-03). [Silica, Crystalline Quartz non-respirable] TWA 8 Hours: 30/ (%SiO ₂ +2) mg/m³ Form: Total dust OSHA PEL Z3 (2016-06-23). [Silica, Crystalline Quartz respirable powder] TWA 8 Hours: 10/ (%SiO ₂ +2) mg/m³ Form: Respirable TWA 8 Hours: 250/ (%SiO ₂ +5) mppcf Form: Respirable CAL OSHA PEL (2018-05-16). [silica, crystalline - quartz] TWA 8 hours: 0.05 mg/m³ OSHA PEL 1989 (1989-03-01). [Silica, crystalline quartz (as quartz), respirable dust] TWA 8 hours: 0.1 mg/m³ (Calculated as Quartz) Form: Respirable dust OSHA PEL (2016-06-23). [Silica, crystalline] TWA 8 hours: 50 μg/m³ Form: Respirable dust NIOSH REL (2010-09-01). [SILICA, CRYSTALLINE (AS RESPIRABLE DUST)] See Appendix A - NIOSH Potential Occupational Carcinogen. TWA 10 hours: 0.05 mg/m³ Form: Respirable dust ACGIH TLV (2005-12-09). [Silica, crystalline] A2. TWA 8 hours: 0.025 mg/m³ Form: Respirable fraction

Biological exposure indices

No exposure indices known.



030BU2018 BLUE UV

Version Number 1.18 Page 7 of 19 Revision Date 11/14/2025 Print Date 11/17/2025

Appropriate engineering controls

Good general ventilation should be sufficient to control worker

exposure to airborne contaminants.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures 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. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety

showers are close to the workstation location.

Safety eyewear complying with an approved standard should be used Eye/face protection

> when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a

higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection Chemical-resistant, impervious gloves complying with an approved

standard should be worn at all times when handling chemical products

if a risk assessment indicates this is necessary.

Body protection Personal protective equipment for the body should be selected based

on the task being performed and the risks involved and should be

approved by a specialist before handling this product.

Appropriate footwear and any additional skin protection measures Other skin protection

should be selected based on the task being performed and the risks

involved and should be approved by a specialist before handling this

product.

Based on the hazard and potential for exposure, select a respirator that **Respiratory protection**

meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper

fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

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

Appearance



030BU2018 BLUE UV

Version Number 1.18 Page 8 of 19 Print Date 11/17/2025 Revision Date 11/14/2025

Physical state solid [Pellets.]

Color **BLUE**

Odor Not available. **Odor threshold** Not available. Not available. pН

Melting point/freezing point Not available. **Boiling point or initial boiling point** Not available.

and boiling range

Not applicable. Flash point **Evaporation rate** Not available. **Flammability** Not available.

Lower and upper explosion **Lower:** Not applicable. **Upper:** Not applicable. limit/flammability limit

Vapor pressure Not available. Relative vapor density Not applicable. Not available. Relative density Not available. Solubility in water Partition coefficient: n-Not applicable.

octanol/water

Auto-ignition temperature Not applicable. Not available. **Decomposition temperature**

Viscosity **Dynamic**: Not available. **Kinematic**: Not applicable.

Particle characteristics

Median particle size Not available.

Section 10. Stability and reactivity

Reactivity No specific test data related to reactivity available for this product or

its ingredients.

Stable under recommended storage and handling conditions (see **Chemical stability**

Section 7).

Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will

not occur.



030BU2018 BLUE UV

Version Number 1.18 Page 9 of 19
Revision Date 11/14/2025 Print Date 11/17/2025

Conditions to avoid : Keep away from extreme heat and oxidizing agents.

Incompatible materials : Avoid contact with acetal homopolymers and acetyl homopolymers

during processing.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition

products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result
1,2-Benzenedicarboxylic acid, di-C8-10-	Rat - Oral - LD50
branched alkyl esters, C9-rich	10,000 mg/kg
Methanone, [2-hydroxy-4-	Rat - Oral - LD50
(octyloxy)phenyl]phenyl-	10,000 mg/kg
	Rabbit - Dermal - LD50
	10,000 mg/kg
Titanium oxide	Rabbit - Dermal - LD50
	> 5,000 mg/kg
	Rat - Male - Inhalation - LC50 Dusts and mists
	6.82 Mg/l [4 h]

Conclusion/Summary : Mixture.Not fully tested.

Skin corrosion/irritation

Conclusion/Summary : Mixture.Not fully tested.

Serious eye damage/eye irritation

	Product/ingredient name	Result
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030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Page 10 of 19 Print Date 11/17/2025

1,2-Benzenedicarboxylic acid,	Rabbit - Eyes - Mild irritant
di-C8-10-branched alkyl	
esters, C9-rich	

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.

Classification

Product/ingredient name	OSHA	IARC	NTP
Ethene, chloro-,	-	3	-
homopolymer			
Titanium oxide	-	2B	-
Quartz (SiO2)	+	1	Known to be a human carcinogen.

Reproductive toxicity

Conclusion/Summary : Mixture.Not fully tested.



030BU2018 BLUE UV

Version Number 1.18 Page 11 of 19 Revision Date 11/14/2025 Print Date 11/17/2025

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
Quartz (SiO2)	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) -
	Category 1

Aspiration hazard

Not available.

Information on the likely routes of exposure

Not available.

Potential acute health effects

Eye contact: No known significant effects or critical hazards.Inhalation: No known significant effects or critical hazards.Skin contact: No known significant effects or critical hazards.Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data.Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

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.



030BU2018 BLUE UV

 Version Number 1.18
 Page 12 of 19

 Revision Date 11/14/2025
 Print Date 11/17/2025

General: No known significant effects or critical hazards.Carcinogenicity: No known significant effects or critical hazards.Mutagenicity: No known significant effects or critical hazards.Reproductive toxicity: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral	Dermal	Inhalation (gases)	Inhalation (vapors)	Inhalation (dusts and mists)
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	10000 mg/kg	N/A	N/A	N/A	N/A
Methanone, [2-hydroxy-4-(octyloxy)phenyl]phenyl-	10000 mg/kg	10000 mg/kg	N/A	N/A	N/A
Titanium oxide	N/A	N/A	N/A	N/A	6.82 Mg/l

Section 12. Ecological information

Toxicity

Product/ingredient name	Result
030BU2018 BLUE UV	Remarks: Chemicals are not readily available as they are bound
	within the polymer matrix.
Titanium oxide	Acute LC50 Marine water
	Fish - Fundulus heteroclitus
	> 1,000 Mg/l [96 h]
	Acute LC50 Fresh water
	Crustaceans - Ceriodaphnia dubia
	3 Mg/l [48 h]
	Acute LC50 Fresh water
	Daphnia - Daphnia pulex
	6.5 Mg/l [48 h]

Conclusion/Summary : Not available.

Persistence and degradability



030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Page 13 of 19 Print Date 11/17/2025

Not available.

Conclusion/Summary

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

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
1,2-Benzenedicarboxylic acid, di-C8-	8.8	3.00	Low
10-branched alkyl esters, C9-rich			
Methanone, [2-hydroxy-4-	6	99.00 [OECD 305	Low
(octyloxy)phenyl]phenyl-		C]	

Mobility in soil

Soil/Water partition coefficient

Mobility

: Not available.

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

Other adverse effects

No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information



030BU2018 BLUE UV

Version Number 1.18 Page 14 of 19
Revision Date 11/14/2025 Print Date 11/17/2025

U.S.DOT 49CFR : Not regulated for transportation.

Ground/Air/Water

IATA : Consult mode specific transport rules

IMDG : Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations

TSCA 6 - Final risk management: Polychlorinated biphenyls; TSCA 8(a) CDR Exempt/Partial exemption: Not determined

TSCA 8(a) - Preliminary assessment report (PAIR): Quinacridone;

TSCA 12(b) - Chemical export notification

Not applicable.

Clean Air Act Section 112(b) : Listed

Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 Class I : Not listed

Substances

Clean Air Act Section 602 Class : Not listed

II Substances

DEA List I Chemicals (Precursor: Not listed

Chemicals)

DEA List II Chemicals (Essential: Not listed

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



Page 15 of 19

030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Print Date 11/17/2025

No products were found.

Name	%	Classification
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	>= 10 - <= 30	EYE IRRITATION - Category 2B
Methanone, [2-hydroxy-4- (octyloxy)phenyl]phenyl-	>= 5 - <= 10	SKIN SENSITIZATION - Category 1
Quartz (SiO2)	> 0 - <= 1	CARCINOGENICITY - inhalation - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

SARA 313

Form R - Reporting requirements

Product name	CAS number	%
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	68515-48-0	>= 10 - <= 30
1,1'-Biphenyl, chloro derivs.	1336-36-3	> 0 - <= 0.1
Benzene, 1,2,3,4,5,6-hexachloro-	118-74-1	> 0 - <= 0.1

Supplier notification

Product name	CAS number	%
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl	68515-48-0	>= 10 - <= 30
esters, C9-rich		
1,1'-Biphenyl, chloro derivs.	1336-36-3	> 0 - <= 0.1
Benzene, 1,2,3,4,5,6-hexachloro-	118-74-1	> 0 - <= 0.1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

The following components are listed: Massachusetts

> Limestone Titanium oxide

New York None of the components are listed.

New Jersey The following components are listed:

CALCIUM CARBONATE

PVC



030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Page 16 of 19 Print Date 11/17/2025

TITANIUM DIOXIDE COPPER compounds SILICA, QUARTZ

Pennsylvania : The following components are listed:

LIMESTONE
TITANIUM OXIDE
COPPER COMPOUNDS

California Prop. 65

WARNING: This product can expose you to chemicals including 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, Titanium dioxide, Quartz, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable	
		dosage level	
1,2-Benzenedicarboxylic acid, di-C8-10-	Yes.	-	
branched alkyl esters, C9-rich			
Titanium dioxide	-	-	
Quartz	-	-	

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.



030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Page 17 of 19 Print Date 11/17/2025

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

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 : Not determined.

Canada : At least one component is not listed in DSL but all such

components are listed in NDSL.



030BU2018 BLUE UV

Version Number 1.18 Page 18 of 19
Revision Date 11/14/2025 Print Date 11/17/2025

China : All components are listed or exempted.

Eurasian Economic Union: **Russian Federation inventory:** All components are listed or

exempted.

Japan inventory (CSCL): Not determined.

Japan inventory (ISHL): Not determined.

New Zealand : Not determined.

Philippines : All components are listed or exempted.

Republic of Korea : Not determined.

Taiwan : Not determined. All components are listed or exempted.

Thailand : Not determined.
Turkey : Not determined.

United StatesViet NamAll components are active or exempted.All components are listed or exempted.

Section 16. Other information

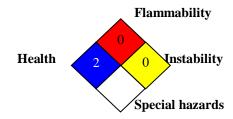
Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

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



Procedure used to derive the classification

Not classified.



030BU2018 BLUE UV

Version Number 1.18 Revision Date 11/14/2025 Page 19 of 19 Print Date 11/17/2025

History

Date of printing: 11/17/2025Date of issue/Date of revision: 11/14/2025Date of previous issue: 09/27/2022Version: 1.18

Prepared by : ELLIOTTT

Key to abbreviations: 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 Not available.

References : Not ava

Notice to reader

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