

#### 82500GNS YELLOW

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# SAFETY DATA SHEET

#### 82500GNS YELLOW

# **Section 1. Identification**

GHS product identifier : 82500GNS YELLOW

Chemical name: MixtureCAS number: MixtureOther means of identification: FO00002192Product 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 : This material is considered hazardous by the OSHA Hazard

Communication Standard (29 CFR 1910.1200).

Classification of the substance or

mixture

EYE IRRITATION - Category 2B

**GHS** label elements

Signal word : Warning

**Hazard statements** : Causes eye irritation.



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#### **Precautionary statements**

General : Not applicable.

**Prevention**: Wash hands thoroughly after handling.

**Response**: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If

eye irritation persists: Get medical attention.

Storage:Not applicable.Disposal:Not applicable.Supplemental label elements:None known.Hazards not otherwise classified:None known.

Not available.

# Section 3. Composition/information on ingredients

Substance/mixture: MixtureChemical name: MixtureOther means of identification: FO00002192

#### **CAS** number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	10 - 25	13463-67-7
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	10 - 25	68515-48-0
Oxydiethylene dibenzoate	1 - 3	120-55-8

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 as hazardous to health or the environment 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



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**Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the

upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get

medical attention.

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

for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.

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

clothing and shoes. Get medical attention if symptoms occur. Wash

clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim

to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie,

belt or waistband.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : Causes eye irritation.

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** : Adverse symptoms may include the following:

irritation watering



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redness

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. It may be dangerous to the person providing aid to

give mouth-to-mouth resuscitation.

**See toxicological information (Section 11)** 

# Section 5. Firefighting measures

### Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub>.

None known.

Specific hazards arising from the chemical

In a fire or if heated, a pressure increase will occur and the container

may burst.

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 selfcontained breathing apparatus (SCBA) with a full face-piece operated

in positive pressure mode.

# Section 6. Accidental release measures



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### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel No action shall be taken involving any personal risk or without

> suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

If specialized clothing is required to deal with the spillage, take note For emergency responders

of any information in Section 8 on suitable and unsuitable materials.

See also the information in "For non-emergency personnel".

Avoid dispersal of spilled material and runoff and contact with soil, **Environmental precautions** 

> 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 Stop leak if without risk. Move containers from spill area. Dilute with

water and mop up if water-soluble. Alternatively, or if water-

insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal

Large spill Stop leak if without risk. Move containers from spill area. Approach

> release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency

contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

#### Precautions for safe handling

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

not ingest. Avoid contact with eyes, skin and clothing. Avoid

breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when

not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.



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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
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	None.
Titanium dioxide	OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust ACGIH TLV (1996-05-18) TWA 10 mg/m3
Oxydiethylene dibenzoate	None.

**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**



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**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.

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

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: chemical splash goggles.

**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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves

cannot be accurately estimated.

**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.

Other skin protection : Appropriate footwear and any additional skin protection measures

should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this

product.

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

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

#### **Appearance**

Physical stateliquid [Paste.]ColorYELLOWOdorNot available.Odor thresholdNot available.PHNot available.



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Not available. **Melting point** Not available. **Boiling point** Flash point Not available. **Burning time** Not available. **Burning rate** Not available. **Evaporation rate** Not available. Flammability (solid, gas) Not available.

Lower and upper explosive Lower: Not available. (flammable) limits **Upper:** Not available.

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

octanol/water

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

Viscosity **Dynamic:** Not available.

Kinematic: Not available.

#### Aerosol product

**Heat of combustion** Not available.

Not available. **Ignition distance Enclosed space ignition - Time** Not available.

equivalent

**Enclosed space ignition -**

**Deflagration density** 

Flame height Not available. Flame duration Not available.

# Section 10. Stability and reactivity

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

its ingredients.

Not available.

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

Section 7).

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

not occur.

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

Avoid contact with acetal homopolymers and acetyl homopolymers **Incompatible materials** 

during processing.



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**Hazardous decomposition** products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# 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**

Product/ingredient name	Result	Exposure				
Oxydiethylene dibenzoate						
	LD50 Oral	-				
Remarks - Inhalation:	No applicable toxic	No applicable toxicity data				
Remarks - Dermal:	No applicable toxicity data					
Titanium dioxide						
Remarks - Oral:	No applicable toxic	No applicable toxicity data				
	LC50 Inhalation	LC50 Inhalation Rat - Male 6.82 Mg/l 4 h				
	LD50 Dermal Rabbit > 5,000 mg/kg -					
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich						
	LD50 Oral Rat 10,000 mg/kg -					
Remarks - Inhalation:	No applicable toxicity data					
Remarks - Dermal:	No applicable toxicity data					

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

# **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Oxydiethylene dibenzoate	Eyes - Mild irritant	Rabbit		24 hrs	-
	Skin - Mild irritant	Rabbit		24 hrs	-
Titanium dioxide	Skin - Mild irritant	Human		72 hrs	-
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	Eyes - Mild irritant	Rabbit			-

Conclusion/Summary

Skin Mixture.Not fully tested. Mixture.Not fully tested. **Eyes** Mixture.Not fully tested. Respiratory



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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.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium dioxide	-	2B	-

### **Reproductive toxicity**

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

**Teratogenicity** 

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

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

Not available.

# Specific target organ toxicity (repeated exposure)

Not available.

### **Aspiration hazard**

Not available.

Information on likely routes of :

Not available.

exposure

#### Potential acute health effects

**Eye contact** : Causes eye irritation.

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.

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

**Eye contact** : Adverse symptoms may include the following: irritation, watering,

redness

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

#### 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:No known significant effects or critical hazards.Carcinogenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.Teratogenicity:No known significant effects or critical hazards.Developmental effects:No known significant effects or critical hazards.Fertility effects:No known significant effects or critical hazards.

#### **Numerical measures of toxicity**

# **Acute toxicity estimates**

Route	ATE value
Oral	46,180.2 mg/kg
Route	ATE value
Dermal	50,377.7 mg/kg

# Section 12. Ecological information



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# **Toxicity**

Oxydiethylene dibenzoate  Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.:  Remarks - Acute - Aquatic plants:  Remarks - Chronic - Fish: No applicable toxicity data  No applicable toxicity data  No applicable toxicity data  Remarks - Chronic - Aquatic invertebrates.:  Titanium dioxide  Acute LC50 > 1,000 Mg/l Marine water  Remarks - Acute - Fish: Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 6.5 Mg/l Fresh water  Remarks - Acute - Aquatic invertebrates.  Acute LC50 6.5 Mg/l Fresh water  Acute invertebrates.  Remarks - Acute - Aquatic invertebrates.  Acute  Acute  Acute  Acute  Acute  Acute  No applicable toxicity data  Acute  No applicable toxicity data  No applicable toxicity data  No applicable toxicity data				
Remarks - Acute - Aquatic invertebrates.:  Remarks - Acute - Aquatic plants:  Remarks - Chronic - Fish:  No applicable toxicity data  Remarks - Chronic - Fish: No applicable toxicity data  Remarks - Chronic - Aquatic invertebrates.:  Titanium dioxide  Acute LC50 > 1,000 Mg/l Marine water  Remarks - Acute - Fish: Acute  Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 6.5 Mg/l Fresh water				
invertebrates.:  Remarks - Acute - Aquatic plants:  Remarks - Chronic - Fish:  No applicable toxicity data  Remarks - Chronic - Aquatic invertebrates.:  Titanium dioxide  Acute LC50 > 1,000 Mg/l Marine water  Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 6.5 Mg/l Fresh water  Acute invertebrates.:  Remarks - Acute - Aquatic invertebrates.  Daphnia  Acute  No applicable toxicity data				
Remarks - Acute - Aquatic plants:  Remarks - Chronic - Fish: No applicable toxicity data  Remarks - Chronic - Aquatic invertebrates.:  Titanium dioxide  Acute LC50 > 1,000 Mg/l Marine water  Remarks - Acute - Fish: Acute  Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 3 Mg/l Fresh water  Acute LC50 6.5 Mg/l Fresh water  Acute invertebrates.:  Remarks - Acute - Aquatic invertebrates.  Acute  No applicable toxicity data				
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Remarks - Chronic - Aquatic invertebrates.:  Titanium dioxide  Acute LC50 > 1,000 Mg/l Marine   Fish - Fish   96 h    Remarks - Acute - Fish:   Acute    Acute LC50 3 Mg/l Fresh water   Aquatic invertebrates.   Acute    Remarks - Acute - Aquatic invertebrates.   Acute    Acute LC50 6.5 Mg/l Fresh water   Aquatic invertebrates.   Acute    Acute LC50 6.5 Mg/l Fresh water   Aquatic invertebrates.   Acute    Remarks - Acute - Aquatic i				
Aquatic invertebrates.:  Titanium dioxide  Acute LC50 > 1,000 Mg/l Marine water  Remarks - Acute - Fish: Acute LC50 3 Mg/l Fresh water Acute LC50 3 Mg/l Fresh water Acute LC50 3 Mg/l Fresh water Acute LC50 6.5 Mg/l Fresh water Acute LC50 6.5 Mg/l Fresh water Acute LC50 6.5 Mg/l Fresh water Acute invertebrates.:  Acute Acut				
Titanium dioxide  Acute LC50 > 1,000 Mg/l Marine water  Remarks - Acute - Fish: Acute LC50 3 Mg/l Fresh water Acute LC50 3 Mg/l Fresh water Acute LC50 3 Mg/l Fresh water Crustaceans  Acute  Aquatic invertebrates.  Daphnia  Acute  Acute  No applicable toxicity data  No applicable toxicity data				
Acute LC50 > 1,000 Mg/l Marine water   Fish - Fish   96 h				
Remarks - Acute - Fish: Acute   Acute LC50 3 Mg/l Fresh water Aquatic invertebrates. 48 h   Crustaceans Crustaceans    Remarks - Acute - Aquatic invertebrates.  Acute LC50 6.5 Mg/l Fresh water  Acute LC50 6.5 Mg/l Fresh water  Aquatic invertebrates.  Daphnia  Acute  Acute  No applicable toxicity data  No applicable toxicity data  Acute  Acute  No applicable toxicity data  Acute  Ac				
Remarks - Acute - Fish:       Acute LC50 3 Mg/l Fresh water       Aquatic invertebrates. Crustaceans       48 h         Remarks - Acute - Aquatic invertebrates.:       Acute LC50 6.5 Mg/l Fresh water       Aquatic invertebrates. Daphnia       48 h         Remarks - Acute - Aquatic invertebrates.:       Acute       Acute         Remarks - Acute - Aquatic invertebrates.:       Acute         No applicable toxicity data       No applicable toxicity data				
Remarks - Acute - Aquatic invertebrates.  Acute LC50 3 Mg/l Fresh water Crustaceans  Acute  Acute  Acute  Acute LC50 6.5 Mg/l Fresh water Aquatic invertebrates.  Acute LC50 6.5 Mg/l Fresh water Daphnia  Acute  Remarks - Acute - Aquatic invertebrates. Daphnia  Acute  No applicable toxicity data				
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Remarks - Acute - Aquatic invertebrates.:  Remarks - Acute - Aquatic plants:  No applicable toxicity data				
invertebrates.:  Remarks - Acute - Aquatic plants:  No applicable toxicity data				
Remarks - Acute - Aquatic plants:  No applicable toxicity data				
plants:				
Remarks - Chronic - Fish: No applicable toxicity data				
Remarks - Chronic - No applicable toxicity data				
Aquatic invertebrates.:	11			
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich				
Remarks - Acute - Fish: No applicable toxicity data				
Remarks - Acute - Aquatic No applicable toxicity data				
invertebrates.:				
Remarks - Acute - Aquatic No applicable toxicity data				
plants:				
Remarks - Chronic - Fish: No applicable toxicity data				
Remarks - Chronic - No applicable toxicity data				
Aquatic invertebrates.:  Conclusion/Summary  Not available				

**Conclusion/Summary** : Not available.

Persistence and degradability

**Conclusion/Summary** : Not available.



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#### **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			

#### **Mobility in soil**

**Soil/water partition coefficient** 

(KOC)

Not available.

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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

<u>United States - RCRA Acute hazardous waste "P" List:</u> Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

# **Section 14. Transport information**

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

International Air

: Consult mode specific transport rules



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ICAO/IATA

International Water

IMO/IMDG

: Consult mode specific transport rules

# Section 15. Regulatory information

U.S. Federal regulations

**United States - TSCA 12(b) - Chemical export notification:** None of the components are listed.

United States - TSCA 4(a) - Final Test Rules: Listed 1,2-

Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich

United States - TSCA 4(a) - ITC Priority list: Not listed United States - TSCA 4(a) - Proposed test rules: Not listed

United States - TSCA 4(f) - Priority risk review: Not listed United States - TSCA 5(a)2 - Final significant new use rules: Not

listed

United States - TSCA 5(a)2 - Proposed significant new use rules:

Listed 2-Pyrrolidinone, 1-ethyl-

United States - TSCA 5(e) - Substances consent order: Not listed United States - TSCA 6 - Final risk management: Not listed United States - TSCA 6 - Proposed risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not

determined

United States - TSCA 8(a) - Preliminary assessment report

(PAIR): Not listed

United States - TSCA 8(c) - Significant adverse reaction (SAR):

Not listed

**United States - TSCA 8(d) - Health and safety studies:** Not listed **United States - EPA Clean water act (CWA) section 307 - Priority** 

pollutants: Listed Phenol

United States - EPA Clean water act (CWA) section 311 -

Hazardous substances: Listed

United States - EPA Clean air act (CAA) section 112 - Accidental

release prevention - Flammable substances: Not listed

United States - EPA Clean air act (CAA) section 112 - Accidental

release prevention - Toxic substances: Not listed

**United States - Department of commerce - Precursor chemical:** 

Not listed



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Listed Clean Air Act Section 112(b)

Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 Class I Not listed

**Substances** 

Clean Air Act Section 602 Class II Not listed

**Substances** 

**DEA List I Chemicals (Precursor** Not listed

Chemicals)

**DEA List II Chemicals (Essential** Not listed

Chemicals)

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

not applicable

**SARA 311/312** 

Classification EYE IRRITATION - Category 2B

# **Composition/information on ingredients**

Name	%	Classification
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	>= 10 - <= 25	EYE IRRITATION - Category 2B
Titanium dioxide	>= 10 - <= 25	CARCINOGENICITY - Category 2
Oxydiethylene dibenzoate	>= 1 - <= 3	EYE IRRITATION - Category 2B

Not applicable.

**State regulations** 

Massachusetts None of the components are listed. None of the components are listed. New York The following components are listed: **New Jersey** 

Ethene, chloro-, homopolymer

Titanium dioxide Calcium carbonate

Pennsylvania The following components are listed:

Titanium dioxide

Calcium carbonate

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#### California Prop. 65

**WARNING:** This product can expose you to chemicals including Titanium dioxide, 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, 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
Titanium dioxide	-	-
1,2-Benzenedicarboxylic acid, di-C8-10-	Yes.	-
branched alkyl esters, C9-rich		

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

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 : Not determined.

**Europe inventory** : At least one component is not listed in EINECS but all such

components are listed in ELINCS.

Please contact your supplier for information on the inventory status of

this material.

Japan: Not determined.New Zealand: Not determined.Philippines: Not determined.Republic of Korea: Not determined.

Taiwan : All components are listed or exempted.

Turkey : Not determined.

United States : All components are active or exempted.

# Section 16. Other information

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

Health	/	1
Flammability		0
	1	6/17



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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.

#### **History**

Date of printing: 01/23/2020Date of issue/Date of revision: 01/09/2020Date of previous issue: 03/25/2018Version: 1.10

**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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