DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 PolyOne

Page 1 of 17 Print Date 08/17/2019

SAFETY DATA SHEET

DW1-PEARL/C719-35

Section 1. Identification			
GHS product identifier Chemical name CAS number Other means of identification Product type	:	DW1-PEARL/C719-35 Mixture Mixture CC10073342 solid	
Relevant identified uses of the substance or mixture and uses advised againstProduct 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. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors 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. After handling, always wash hands thoroughly with soap and water.

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.
		1/17

<u>PolyOne</u>

DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 2 of 17 Print Date 08/17/2019

Hazard statements

No known significant effects or critical hazards.

Precautionary statements

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

Section 3. Composition/information on ingredients

:

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10073342

CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	25 - 50	13463-67-7
Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester	1 - 3	52829-07-9
Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	1 - 3	8007-18-9
Silica, amorphous	1 - 3	7631-86-9

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



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019

Page 3 of 17 Print Date 08/17/2019

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 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. 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. 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
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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.
C		

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.



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 4 of 17 Print Date 08/17/2019

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 $\rm CO_2$. None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
Special protective actions for fire- fighters	:	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

For non-emergency personnel For emergency responders	:	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. Put on appropriate personal protective equipment. 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

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DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019

Page 5 of 17 Print Date 08/17/2019

Large spill

place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

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. 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 Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). 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
Decanedioic acid, bis(2,2,6,6- tetramethyl-4-piperidinyl) ester	None.
Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	OSHA PEL (1993-06-30) TWA 1 mg/m3 (as Ni) OSHA PEL 1989 (1989-03-01) TWA 0.1 mg/m3 (as Ni) Form: Soluble ACGIH TLV (1998-09-01)



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019

	TWA 0.1 mg/m3 (as Ni) Form: Inhalable fraction OSHA PEL (1993-06-30) TWA 1 mg/m3 (as Ni) OSHA PEL 1989 (1989-03-01) TWA 1 mg/m3 (as Ni)
Silica, amorphous	NIOSH REL (1994-06-01) TWA 6 mg/m3
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
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 Eye/face protection	 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 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 Body 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. 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.
	6/17



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019	Page 7 of 17 Print Date 08/17/2019
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 state	:	solid [Pellets.]
Color	:	WHITE
Odor	:	Faint odor.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
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.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	-	Not available.
Viscosity		Dynamic: Not available.
VISCOSILY	•	Kinematic: Not available.
		isincinatic. Not available.

Section 10. Stability and reactivity

Reactivity

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



DW1-PEARL/C719-35

Version Number 1.13	Page 8 of 17
Revision Date 08/16/2019	Print Date 08/17/2019

		its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Keep away from strong acids. Oxidizer.
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

No applicable toxic No applicable toxic				
**	rity data			
NT 11 11 . 1	ili j uulu			
No applicable toxic	city data			
No applicable toxic	city data			
No applicable toxic	city data			
No applicable toxicity data				
No applicable toxicity data				
No applicable toxicity data				
No applicable toxicity data				
Titanium dioxide				
No applicable toxicity data				
LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h	
LD50 Dermal	Rabbit	> 5,000 mg/kg	-	
	No applicable toxic No applicable toxic LC50 Inhalation LD50 Dermal	No applicable toxicity dataNo applicable toxicity data	No applicable toxicity data LC50 Inhalation Rat - Male 6.82 Mg/l LD50 Dermal Rabbit	

Conclusion/Summary

: Mixture.Not fully tested.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Silica, amorphous	Eyes - Mild irritant	Rabbit		24 hrs	-
Titanium dioxide	Skin - Mild irritant	Human		72 hrs	-
Conclusion/Summary					

8/17



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 9 of 17 Print Date 08/17/2019

Skin Eyes Respiratory	Mixture.Not fullyMixture.Not fullyMixture.Not fully	tested.
<u>Sensitization</u>		
Conclusion/Summary Skin Respiratory	: Mixture.Not fully : Mixture.Not fully	
<u>Mutagenicity</u>		
Conclusion/Summary	: Mixture.Not fully	tested.

Carcinogenicity

Conclusion/Summary <u>Classification</u>	:	Mixture.Not fu	lly tested.	
Product/ingredient	OSHA	IARC	NTP	
name				
Nickel antimony yellow		1		
rutile (C.I. Pigment				
Yellow 53)				
Silica, amorphous		3		
Titanium dioxide		2B		

Reproductive toxicity

Conclusion/Summary :		Mixture.Not fully tested.
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Teratogenicity

Conclusion/Summary : Mixture.Not fully tested.

<u>Specific target organ toxicity (single exposure)</u> Not available.

Specific target organ toxicity (repeated exposure) Not available.

Aspiration hazard

Not available.

Information on likely routes of : Not available. exposure



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 10 of 17 Print Date 08/17/2019

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 as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects Potential delayed effects	:	Not available. Not available.
Long term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General Carcinogenicity	:	No known significant effects or c No known significant effects or c

:	No known significant effects or critical hazards.
:	No known significant effects or critical hazards.
:	No known significant effects or critical hazards.
:	No known significant effects or critical hazards.
:	No known significant effects or critical hazards.
:	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Mutagenicity Teratogenicity Developmental effects Fertility effects



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 11 of 17 Print Date 08/17/2019

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Decanedioic acid, bis(2,2,6,6-t	etramethyl-4-piperidinyl) ester		
Remarks - Acute - Fish:	No applicable toxicity data		
	Acute EC50 8.6 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
Remarks - Acute - Aquatic plants:	No applicable toxicity data		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data		
Nickel antimony yellow rutile	(C.I. Pigment Yellow 53)		
Remarks - Acute - Fish:	No applicable toxicity data		
Remarks - Acute - Aquatic invertebrates.:	No applicable toxicity data		
Remarks - Acute - Aquatic plants:	No applicable toxicity data		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data		
Silica, amorphous			
Remarks - Acute - Fish:	No applicable toxicity data		
Remarks - Acute - Aquatic invertebrates.:	No applicable toxicity data		
Remarks - Acute - Aquatic plants:	No applicable toxicity data		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data		
Titanium dioxide			
	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. Crustaceans	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates.	48 h



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 12 of 17 Print Date 08/17/2019

	Daphnia
Remarks - Acute - Aquatic	Acute
invertebrates.:	
Remarks - Acute - Aquatic	No applicable toxicity data
plants:	
Remarks - Chronic - Fish:	No applicable toxicity data
Remarks - Chronic -	No applicable toxicity data
Aquatic invertebrates.:	
DW1-PEARL/C719-35	
Remarks - Acute - Aquatic	Chemicals are not readily available as they are bound within the polymer matrix.
invertebrates.:	
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.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Decanedioic acid, bis(2,2,6,6-	0.35	-	low
tetramethyl-4-piperidinyl) ester			

Mobility in soil

Soil/water partition coefficient	:	Not available.
(KOC)		
Other adverse effects	:	No known significant effects or critical hazards.

Section 13. Disposal considerations

authority requirements. Dispose of surplus and non-recyclable	Disposal methods	products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the
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vOne

DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 13 of 17 Print Date 08/17/2019

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.

United States - RCRA Acute hazardous waste "P" List: 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 ICAO/IATA	:	Not classified as dangerous goods under transport regulations.
International Water IMO/IMDG	:	Not classified as dangerous goods under transport regulations.

Section 15. Regulatory information

U.S. Federal regulations		nited States - TSCA 12(b) - Chemical export notification: None f the components are listed.
		nited States - TSCA 4(a) - Final Test Rules: Not listed
		nited States - TSCA 4(a) - Final Fest Rules. Not instea
		nited States - TSCA 4(a) - Proposed test rules: Not listed
		nited States - TSCA 4(f) - Priority risk review: Not listed
		nited States - TSCA 5(a)2 - Final significant new use rules: Not
	li	sted
	U	nited States - TSCA 5(a)2 - Proposed significant new use rules:
	N	ot listed
	U	nited States - TSCA 5(e) - Substances consent order: Not listed
	U	nited States - TSCA 6 - Final risk management: Not listed
	U	nited States - TSCA 6 - Proposed risk management: Not listed
	U	nited States - TSCA 8(a) - Chemical risk rules: Not listed
	U	nited States - TSCA 8(a) - Dioxin/Furane precusor: Not listed
	U	nited States - TSCA 8(a) - Chemical Data Reporting (CDR): Not
	de	etermined
	U	nited States - TSCA 8(a) - Preliminary assessment report
	(1	PAIR): Not listed

DW1-PEARL/C719-35

Pol	vOne.

Version Number 1.13 Revision Date 08/16/2019		Page 14 of 17 Print Date 08/17/2019
		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 Nickel antimony yellow rutile (C.I. Pigment Yellow 53) Rutile, antimony chromium buff United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not 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 - 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
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	:	Listed
Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II Substances	:	Not listed
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

Not applicable.

:

Composition/information on ingredients

No products were found.

%	Classification
>= 25 - <= 50	CARCINOGENICITY - Category 2
>= 1 - <= 3	EYE IRRITATION - Category 2B
>= 1 - <= 3	CARCINOGENICITY - Category 1A
	>= 25 - <= 50 >= 1 - <= 3



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019

Page 15 of 17 Print Date 08/17/2019

53)		
Decanedioic acid,	>= 1 - <= 3	SERIOUS EYE DAMAGE - Category 1
bis(2,2,6,6-tetramethyl-4-		
piperidinyl) ester		

SARA 313

	Product name	CAS number	%
Form R - Reporting	Rutile, antimony chromium	68186-90-3	1 - 3
requirements	buff		
	Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	8007-18-9	1 - 3
Supplier notification	Rutile, antimony chromium buff	68186-90-3	1 - 3
	Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	8007-18-9	1 - 3

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	
Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: The following components are listed:
e e e e e e e e e e e e e e e e e e e	Nickel antimony yellow rutile (C.I. Pigment Yellow 53)
	Rutile, antimony chromium buff
	Calcium carbonate
	Titanium dioxide
.	
Pennsylvania	: The following components are listed:
	Titanium dioxide
	Calcium carbonate
	Silica, amorphous
	Rutile, antimony chromium buff
	Aluminum hydroxide
	And the second
	Nickal antimony vallow rutila (C L Diamont Vallow 52)
	Nickel antimony yellow rutile (C.I. Pigment Yellow 53)
California Pron. 65	

California Prop. 65



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 16 of 17 Print Date 08/17/2019

WARNING: This product can expose you to chemicals including Titanium dioxide, Nickel antimony yellow rutile (C.I. Pigment Yellow 53), 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	No.	No.
Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	No.	No.

United States inventory	(TSCA	8b)	:
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:

All components are listed 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	: All components are listed or exempted.
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	: All components are listed or exempted.
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.
Turkey	: Not determined.
United States	: 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



DW1-PEARL/C719-35

Version Number 1.13 Revision Date 08/16/2019 Page 17 of 17 Print Date 08/17/2019

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

<u>Instory</u>		
Date of printing	:	08/17/2019
Date of issue/Date of revision	:	08/16/2019
Date of previous issue	:	02/15/2019
Version	:	1.13
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 abovenamed 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.