

## SAFETY DATA SHEET

#### AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

# **SECTION 1:** Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

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

Identified uses

Professional use
Consumer use

Uses advised against

None

**Product use** : Waterborne coating for interior use.

#### 1.3 Details of the supplier of the safety data sheet

Dulux Paints Ireland, Commons Road,

Cork, Ireland

Tel. Number: +353 (0) 21 4220222, Fax Number: +353 (0) 21 4220205

e-mail address of person : mark

responsible for this SDS

: marketing@dulux.ie

#### 1.4 Emergency telephone number

### National advisory body/Poison Center

**Telephone number** : +353 (0)1 809 2566

### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

**Product definition**: Mixture

### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

Signal word : No signal word.

Date of issue/Date of revision : 26-1-2024 Version : 1

Date of previous issue : No previous validation 1/15 AkzoNobel

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

#### SECTION 2: Hazards identification

**Hazard statements** : No known significant effects or critical hazards.

**Precautionary statements** 

General : P102 - Keep out of reach of children.

P101 - If medical advice is needed, have product container or label at hand.

Prevention : P262 - Do not get in eyes, on skin, or on clothing.

: P312 - Call a doctor if you feel unwell. Response

Storage : Not applicable.

: P501 - Dispose of contents and container in accordance with all local, regional, Disposal

national or international regulations.

Supplemental label

elements

: Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol and CMIT/MIT(3:1). May produce an allergic reaction. Warning! Hazardous respirable droplets may be formed when

sprayed. Do not breathe spray or mist.

**Annex XVII - Restrictions** on the manufacture. placing on the market and use of certain dangerous substances, mixtures and articles

: Not applicable.

#### Special packaging requirements

Containers to be fitted with child-resistant

fastenings

: Not applicable.

Tactile warning of danger : Not applicable.

#### 2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

: This mixture does not contain any substances that are assessed to be a PBT or a

vPvB.

Other hazards which do not result in classification : None known.

## SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≥20 - ≤25	Carc. 2, H351 (inhalation)	-	[1] [*]
2,4,7,9-tetramethyldec- 5-yne-4,7-diol	REACH #: 01-2119954390-39 EC: 204-809-1 CAS: 126-86-3	<1	Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	-	[1]
propylidynetrimethanol	REACH #: 01-2119486799-10 EC: 201-074-9 CAS: 77-99-6	≤0.3	Repr. 2, H361	-	[1]
CMIT/MIT(3:1)	REACH #: 01-2120764691-48	<0.001	Acute Tox. 3, H301 Acute Tox. 2, H310	ATE [Oral] = 100 mg/kg	[1]

Date of issue/Date of revision : 26-1-2024 Version : 1

**AkzoNobel** Date of previous issue : No previous validation 2/15

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

SECTION 3: Compos	SECTION 3: Composition/information on ingredients				
	EC: 911-418-6 CAS: 55965-84-9 Index: 613-167-00-5		Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Dermal] = 50 mg/kg ATE [Inhalation (dusts and mists)] = 0.05 mg/l Skin Corr. 1C, H314: $C \ge 0.6\%$ Skin Irrit. 2, H315: 0.06% ≤ $C < 0.6\%$ Eye Dam. 1, H318: $C \ge 0.6\%$ Eye Irrit. 2, H319: 0.06% ≤ $C < 0.6\%$ Eye Irrit. 2, H319: 0.06% ≤ $C < 0.6\%$ M [Acute] = 100 M [Chronic] = 100	
			See Section 16 for the full text of the H statements declared		
			above.		

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### **Type**

[1] Substance classified with a physical, health or environmental hazard

[\*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter ≤ 10 µm not bound within a matrix.

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

#### **SECTION 4: First aid measures**

#### 4.1 Description of 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 if easy to do. 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.

**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.

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

#### 4.2 Most important symptoms and effects, both acute and delayed

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption

Date of issue/Date of revision: 26-1-2024Version: 1Date of previous issue: No previous validation3/15AkzoNobel

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

#### SECTION 4: First aid measures

through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, CMIT/MIT(3:1). May produce an allergic reaction.

#### Over-exposure signs/symptoms

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

#### 4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

### SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing

media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: None known.

#### 5.2 Special hazards arising from the substance or mixture

Hazards from the

substance or mixture

: In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous combustion** 

products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide metal oxide/oxides

#### 5.3 Advice for firefighters

**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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for

chemical incidents.

### SECTION 6: Accidental release measures

#### 6.1 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. Put on appropriate personal protective equipment.

For emergency responders: 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".

: 26-1-2024 Date of issue/Date of revision Version : 1

**AkzoNobel** Date of previous issue : No previous validation 4/15

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

#### **SECTION 6: Accidental release measures**

## 6.2 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).

#### 6.3 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 contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. 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 non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

## 6.4 Reference to other sections

: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance.

#### 7.1 Precautions for safe handling

**Protective measures** 

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

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.

#### 7.2 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. See Section 10 for incompatible materials before handling or use.

#### 7.3 Specific end use(s)

Recommendations : Not available.
Industrial sector specific : Not available.
solutions

## **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

### Occupational exposure limits

No exposure limit value known.

Date of issue/Date of revision : 26-1-2024 Version : 1

Date of previous issue : No previous validation 5/15

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

## SECTION 8: Exposure controls/personal protection

procedures

Recommended monitoring : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

Product/ingredient name	Type	Exposure	Value	Population	Effects
2,4,7,9-tetramethyldec-5-yne-4,7-diol	DNEL	Long term Oral	0.25 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term Dermal	0.25 mg/	General	Systemic
	חאבו	1 4	kg bw/day	population	0
	DNEL	Long term Inhalation	0.43 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	0.5 mg/kg	Workers	Systemic
	DIVLL	Long term Dermai	bw/day	WORKEIS	Cysternic
	DNEL	Short term Oral	0.75 mg/	General	Systemic
			kg bw/day	population	,
	DNEL	Short term Dermal	0.75 mg/	General	Systemic
			kg bw/day	population	,
	DNEL	Short term	1.29 mg/m <sup>3</sup>		Systemic
		Inhalation		population	
	DNEL	Short term Dermal	1.5 mg/kg	Workers	Systemic
	DNEL	l and taken	bw/day	\\/ = w  < = w=	Cuatamia
	DNEL	Long term Inhalation	1.76 mg/m³	vvorkers	Systemic
	DNEL	Short term	5.28 mg/m <sup>3</sup>	Workers	Systemic
	DIVLL	Inhalation	0.20 mg/m	WORKEIS	Cysternic
propylidynetrimethanol	DNEL	Long term Oral	0.34 mg/	General	Systemic
			kg bw/day	population	,
	DNEL	Long term Dermal	0.34 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term	0.58 mg/m <sup>3</sup>	General	Systemic
	DAIEI	Inhalation	0.04	population	0
	DNEL	Long term Dermal	0.94 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term	3.3 mg/m <sup>3</sup>	Workers	Systemic
	DINLL	Inhalation	3.5 mg/m	WOIKEIS	Gysterriic
CMIT/MIT(3:1)	DNEL	Long term	0.02 mg/m <sup>3</sup>	General	Local
		Inhalation	3	population	
	DNEL	Long term	0.02 mg/m <sup>3</sup>	Workers	Local
		Inhalation			
	DNEL	Short term	0.04 mg/m <sup>3</sup>		Local
	חאר	Inhalation	0.04	population	
	DNEL	Short term	0.04 mg/m <sup>3</sup>	Workers	Local
	DNEL	Inhalation Long term Oral	0.09 mg/	General	Systemic
	DIVEL	Long term Oral	kg bw/day	population	Systerric
	DNEL	Short term Oral	0.11 mg/	General	Systemic
			kg bw/day	population	= , =
			J	1 1	

#### **PNECs**

Date of issue/Date of revision : 26-1-2024 Version : 1 **AkzoNobel** Date of previous issue : No previous validation 6/15

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

## **SECTION 8: Exposure controls/personal protection**

No PNECs available.

#### 8.2 Exposure controls

## Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne

contaminants.

#### **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.

#### 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: 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.

For all types of exposure, a glove with protection class of 2 or higher (breakthrough time >30 minutes according to EN374) is recommended. Recommended gloves: Nitrile, thickness ≥ 0.12 mm.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

#### **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.

Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flatting should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. Wear a Approved/certified disposable particulate dust mask.

## 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.

Date of issue/Date of revision : 26-1-2024 Version : 1

Date of previous issue : No previous validation 7/15 AkzoNobel

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

## SECTION 9: Physical and chemical properties

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

#### 9.1 Information on basic physical and chemical properties

**Appearance** 

Physical state : Liquid.
Color : White.

Odor : Characteristic.
Odor threshold : Not available.
Melting point/freezing point : Not available.
Boiling point, initial boiling : 100°C (212°F)

point, and boiling range

Flammability: Not available.

Lower and upper explosion

limit

: Greatest known range: Lower: 2.6% Upper: 12.6% (propane-1,2-diol)

Flash point : Not available.

Auto-ignition temperature

Ingredient name	°C	°F	Method
2-butoxyethanol	230	446	DIN 51794
triethylamine	249	480.2	
8,18-dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b: 3',2'-m]triphenodioxazine	250	482	

**Decomposition temperature**: Not available.

**pH** : 8 [Conc. (% w/w): 100%] [DIN EN 1262]

Viscosity : Kinematic (room temperature): 1236 mm²/s [DIN EN ISO 3219]

Kinematic (40°C): Not applicable. [DIN EN ISO 3219]

Solubility(ies) :

Media	Result
cold water	Soluble [OECD (TG 105)]

Partition coefficient: n-octanol/ : Not applicable.

water

Vapor pressure :

	V	apor Press	sure at 20°C	V	apor pres	sure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
triethylamine	54	7.2				
ethanol	42.95	5.7				
m-xylene	6	0.8				

Relative density : 1.294

Vapor density : Not available.

Particle characteristics

**Median particle size** : Not applicable.

Percentage of particles with : 0

aerodynamic diameter ≤ 10

μm

Date of issue/Date of revision : 26-1-2024 Version : 1

Date of previous issue : No previous validation 8/15

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

### SECTION 10: Stability and reactivity

**10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**10.2 Chemical stability** : The product is stable.

10.3 Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4 Conditions to avoid** : No specific data.

**10.5 Incompatible materials** : No specific data.

10.6 Hazardous decomposition products

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

### **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, CMIT/MIT(3:1). May produce an allergic reaction.

#### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
propylidynetrimethanol	LD50 Oral	Mouse	13700 mg/kg	-
	LD50 Oral	Mouse	14000 mg/kg	-
	LD50 Oral	Rat	14100 mg/kg	-
	LD50 Oral	Rat	14000 mg/kg	-

#### **Conclusion/Summary**: Not available.

#### **Acute toxicity estimates**

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Product as-supplied CMIT/MIT(3:1)	N/A	254275.4	N/A	268.4	N/A
	100	50	N/A	N/A	0.05

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
2,4,7,9-tetramethyldec- 5-yne-4,7-diol	Eyes - Severe irritant	Rabbit	-	0.1 MI	-
,	Skin - Mild irritant	Rabbit	-	0.5 gm	-

 Date of issue/Date of revision
 : 26-1-2024
 Version
 : 1

 Date of previous issue
 : No previous validation
 9/15
 AkzoNobel

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

## **SECTION 11: Toxicological information**

Conclusion/Summary : Not available.

**Sensitization** 

**Conclusion/Summary**: Not available.

<u>Mutagenicity</u>

**Conclusion/Summary**: Not available.

**Carcinogenicity** 

**Conclusion/Summary**: Not available.

**Reproductive toxicity** 

**Conclusion/Summary**: Not available.

**Teratogenicity** 

Conclusion/Summary: Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

**Aspiration hazard** 

Not available.

Information on the likely

: Not available.

routes of exposure

Potential acute health effects

Eye contact
 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.
 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 : Not available.

effects

Potential delayed effects : Not available.

Long term exposure

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

**Conclusion/Summary**: Not available.

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

Date of issue/Date of revision : 26-1-2024 Version : 1

Date of previous issue : No previous validation 10/15 AkzoNobel

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

### **SECTION 11: Toxicological information**

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.

#### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

Not available.

#### 11.2.2 Other information

No additional information.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

There are no data available on the mixture itself.

Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.

Product/ingredient name	Result	Species	Exposure
titanium dioxide propylidynetrimethanol	Acute EC50 13000000 µg/l Fresh water	Fish - Pimephales promelas Daphnia - Daphnia magna Fish - Cyprinodon variegatus	96 hours 48 hours 96 hours

**Conclusion/Summary**: Not available.

#### 12.2 Persistence and degradability

**Conclusion/Summary**: Not available.

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
propylidynetrimethanol	-0.47	<1	low

#### 12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

Date of issue/Date of revision: 26-1-2024Version: 1Date of previous issue: No previous validation11/15

**AkzoNobel** 

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

## **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

#### **Product**

**Methods of disposal**: 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.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as

hazardous waste, as defined by EU Directive 2008/98/EC.

**Disposal considerations**: Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no

longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

#### European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation
EWC 08 01 12	waste paint and varnish other than those mentioned in 08 01 11

#### **Packaging**

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste

packaging should be recycled. Incineration or landfill should only be considered

when recycling is not feasible.

**Disposal considerations**: Using information provided in this safety data sheet, advice should be obtained from

the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or

national legal provisions.

**Special precautions**: 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**

	ADR/RID	IMDG
14.1 UN number or ID number	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-
14.5 Environmental hazards	No.	No.

Date of issue/Date of revision	: 26-1-2024	Version : 1	5.
Date of previous issue	: No previous validation	12/15	AkzoNob

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

## SECTION 14: Transport information

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments

: Not applicable.

### SECTION 15: Regulatory information

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

### EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorization

#### **Annex XIV**

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture,

placing on the market

and use of certain

dangerous substances, mixtures and articles

Other EU regulations

VOC

: The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the

product label and/or technical data sheet for further information.

**VOC for Ready-for-Use** 

**Mixture** 

: Not available.

: Not listed

: Not listed

**Industrial emissions** (integrated pollution

prevention and control) -

**Industrial emissions** 

(integrated pollution prevention and control) -

Water

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

**Persistent Organic Pollutants** 

Not listed.

**Seveso Directive** 

This product is not controlled under the Seveso Directive.

**Biocidal products regulation** 

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Date of issue/Date of revision : 26-1-2024 Version : 1

**AkzoNobel** Date of previous issue : No previous validation 13/15

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

## **SECTION 15: Regulatory information**

#### **Montreal Protocol**

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed

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

Not listed.

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

Not listed.

15.2 Chemical Safety

Assessment

: No Chemical Safety Assessment has been carried out.

### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and

: ATE = Acute Toxicity Estimate

acronyms

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.

1272/2008]

DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

#### Full text of abbreviated H statements

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

#### Full text of classifications [CLP/GHS]

Date of issue/Date of revision: 26-1-2024Version: 1Date of previous issue: No previous validation14/15AkzoNobel

AQUAMAX HIGH GLOSS PURE BRILLIANT WHITE

#### **SECTION 16: Other information**

Acute Tox. 2 Acute Tox. 3 ACUTE TOXICITY - Category 2 ACUTE TOXICITY - Category 3

Aquatic Acute 1 AQUATIC HAZARD (ACUTE) - Category 1
Aquatic Chronic 1 AQUATIC HAZARD (LONG-TERM) - Category 1
AQUATIC HAZARD (LONG-TERM) - Category 3

Carc. 2 CARCINOGENICITY - Category 2

Eye Dam. 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

Repr. 2 TOXIC TO REPRODUCTION - Category 2
Skin Corr. 1C Skin Sens. 1A SKIN SENSITIZATION - Category 1C
Skin Sens. 1A

Skin Sens. 1A
Skin Sens. 1B
SKIN SENSITIZATION - Category 1A
SKIN SENSITIZATION - Category 1B

Date of printing : 25-4-2024 Date of issue/ Date of : 26-1-2024

revision

Date of previous issue : No previous validation

Version : 1

Unique ID : A6FD275CC10C1EEEAF867EDA04A480A2

#### **Notice to reader**

IMPORTANT NOTE: The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

Brand names mentioned in this data sheet are trademarks of or are licensed to Akzo Nobel.

Date of issue/Date of revision : 26-1-2024 Version :1

Date of previous issue : No previous validation 15/15 AkzoNobel