Material Safety Data Sheet

Completed **24-01-2024**
Revision: (date) **-**
SDS version **1.0**

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

1.1. Product Identifier
Trade Name: Art Aqua
Product- no.: -

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended uses:
Visual arts and hobby.

Uses advised against:
This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet
Company and address:

Creotime.com
Rasmus Færchs Vej 23
7500 Holstebro
Denmark
Tlf.: +45 96 13 30 10

Creotime.com
2 Pine Court, Kembrey Park Swindon
Wiltshire, SN2 8AD
UK
+44 (0)793 616 068

Contact person and E-mail:
info@creotime.com

The Safety data sheet is completed and validated by:
Mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: RC

1.4. Emergency telephone number
NHS: 111
Use your national or local emergency number - See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not subject to labelling under CLP Regulation No. 1272/2008.

2.2. Label elements
-

Signal word:
-

Contains imidazolidinyl urea. May produce an allergic reaction. (EUH 208)
Safety data sheet available on request. (EUH 210)
Warning! Hazardous respirable dust may be formed when used. Do not breathe dust. (EUH 212)

2.3. Other hazards

Additional labelling:
-

Additional warnings
EUH 212 applies to the colours white, flesh, violet, grey, cerise, mauve, deep purple, light green, blue grey, fluorescent pink, fluorescent green, fluorescent blue.
This product complies with the requirements of the standard set out by The Danish Joint Council of Creative & Hobby Materials (Fællesrådet for Formnings- og Hobbymaterialer), version 12 of 1 August 2021, on creative and occupational materials.

SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
Calcium carbonate	- / -	471-34-1	207-439-9	-	50 -75	-
Titanium dioxide	- / -	13463-67-7	236-675-5	Carc. 2;H351 (inhalation)	1 - 15	1, 2
Imidazolidinyl urea	- / -	39236-46-9	254-372-6	Skin Sens. 1B;H317	<0,5	-

1) The substance has a national exposure limit.
2) Only present in the colours white, flesh, violet, grey, cerise, mauve, deep purple, light green, blue grey, fluorescent pink, fluorescent green, fluorescent blue.

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures
Inhalation:
In case of discomfort: Seek fresh air.
Seek medical advice in case of persistent discomfort.

Ingestion:
Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.
Seek medical advice in case of discomfort.

Skin contact:
Wash the skin thoroughly with water and continue washing for a long time.
Seek medical advice in case of persistent discomfort.

Eye contact:
Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Additional information:
When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed
May cause slight irritation to the skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed
Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Extinguish with powder, foam, carbon dioxide or water mist.
Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture
The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

5.3. Advice for firefighters
If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
No special requirements.

6.2. Environmental precautions
Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up
Wipe up spills with a cloth.

6.4. Reference to other sections
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
No special requirements.

7.2. Conditions for safe storage, including any incompatibilities
The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.
Keep in tightly closed original packaging.

7.3. Specific end use(s)
See application section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure limits according to EH40/2005 Workplace exposure limits (Fourth Edition 2020):

Substance	Long-term exposure limit ppm / mg/m^3	Short-term exposure limit ppm / mg/m^3	Note
Titanium dioxide, total inhalable	- / 10	- / -	-
Titanium dioxide, respirable	- / 4	- / -	-

DNEL/PNEC-values:
DNEL Calcium carbonate

	Workers	Consumers
Inhalation - Chronic Local	6,36 mg/m³	1,06 mg/m³
Oral - Chronic Systemic	-	6,1 mg/kg bw/day
Oral - Acute Systemic	-	6,1 mg/kg bw/day

DNEL Imidazolidinyl urea

	Workers	Consumers
Inhalation - Chronic Systemic	24,5 mg/m³	-
Inhalation - Acute Systemic	45,5 mg/m³	-
Dermal - Chronic Systemic	2,8 mg/kg bw/day	-
Dermal - Acute Systemic	160 mg/kg bw/day	-
Oral - Chronic Systemic	-	1,4 mg/kg bw/day

PNEC Imidazolidinyl urea

Fresh water	5,78 µg/L
Intermittent releases (Fresh water)	57,8 µg/L
Marine water	0,58 µg/L
Soil	14,35 µg/kg soil dw

8.2. Exposure controls
There are no exposure scenarios for this product.

Appropriate engineering controls:
Wash hands after use.

Personal protective equipment:
Respiratory protection:
No special requirements.

Hand protection:
Generally not required.

Eye/face protection:
Not required.

Skin protection:
Not required.

Environmental exposure controls:
Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid substance
Colour:	Multiple colours
Odour:	Odourless
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	7,0 - 8,5
Kinematic viscosity (mm2/s):	-
Solubility:	-
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	1,5 g/cm³ - 2,0 g/cm³
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Avoid contact with strong acids.

10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

SECTION 11: Toxicological information

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

Acute toxicity:

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
Calcium carbonate	Oral	Rat	LD50	> 2000 mg/kg bw
Calcium carbonate	Inhalation	Rat	LC50/ 4 Hours	> 3 mg/L air (analytical)
Calcium carbonate	Dermal	Rat	LD50	> 2000 mg/kg bw
Titanium dioxide	Inhalation	Rat	LC50/ 4 Hours	> 6,82 mg/L

Skin corrosion/irritation:
May cause slight irritation.

Serious eye damage/irritation:
Temporary irritation.

Respiratory or skin sensitisation:
Contains imidazolidinyl urea. May produce an allergic reaction.

Germ cell mutagenicity:
Based on the existing data, the classification is not met.

Carcinogenicity:
EUH 212 only applies to the colours white, flesh, violet, grey, cerise, mauve, deep purple, light green, blue grey, fluorescent pink, fluorescent green, fluorescent blue.
Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

Reproductive toxicity:
Based on the existing data, the classification is not met.

STOT-single exposure:
Based on the existing data, the classification is not met.

STOT-repeated exposure:
Based on the existing data, the classification is not met.

Aspiration hazard:
Based on the existing data, the classification is not met.

11.2. Information on other hazards
Test data are not available.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
Calcium carbonate	72 Hours	Algae	EC50	> 14 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Calcium carbonate	Yes	OECD Guideline 301 B	28 Days 90%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
No data.	-	-

12.4. Mobility in soil
Test data are not available.

12.5. Results of PBT and vPvB assessment
The product does not meet the criteria for PBT or vPvB.

12.6. Endocrine disrupting properties
Test data are not available.

12.7. Other adverse effects
None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
The product is not classified as hazardous waste according to Waste Management. Disposal of spillage and waste via the municipal waste collection service with the specifications below is recommended.

EWC-Code	Description
20 01 28	Paint, inks, adhesives and resins other than those mentioned in 20 01 27

Specific labelling:
-

Contaminated packaging:
(Rinseable) Empty, cleansed packaging should be disposed of for recycling.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

14.1 -14.4.
ADR
-
IMDG/IATA
-

14.5. Environmental hazards
-

14.6. Special precautions for user
-

14.7. Maritime transport in bulk according to IMO instruments
Not relevant.

SECTION 15: Regulatory information

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

Sources:
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

Additional labelling:
-

Restrictions for application:
-

Demands for specific education:
-

15.2. Chemical safety assessment
None.

SECTION 16: Other information

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

Other information:
Sources:
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Full text of H-phrases as mentioned in section 2+3:

H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer.
EUH 208	Contains imidazolidinyl urea. May produce an allergic reaction.
EUH 210	Safety data sheet available on request.
EUH 212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

Classification according to Regulation (EC) Nr. 1272/2008:
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Abbreviations and acronyms used in the safety data sheet:
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.
CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
CAS-Number.: Chemical Abstracts Service number.
EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).
DNEL: Derived No Effect Level.
PNEC(s): Predicted No Effect Concentration(s).
STOT: Specific Target Organ Toxicity.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
LC50: Lethal Concentration to 50 % of a test population.
EC50: The effective concentration of substance that causes 50% of the maximum response.
PBT: Persistent, Bioaccumulative and Toxic.
vPvB: Very Persistent and Very Bioaccumulative.
NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.
NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

Other:
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Minor changes have been made in following sections:
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This material safety data sheet replaces version:
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