

CLAYTONE-APA V XR

Product code: 000000000000139210

Version

4.0 SDS_REG_UN

Revision Date:

23.10.2024

Date of last issue: 07.02.2023

Date of first issue: 19.07.2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CLAYTONE-APA V XR

Type of Application (Use) : Rheology Additive

Manufacturer or supplier's details

Company : BYK USA LLC

Address : South Cherry Street 524
06492 Wallingford

Telephone : +1 203-265-2086

Telefax :

E-mail address : BRIEF.BYK.NAFTA@altana.com

Emergency telephone number : Europe +44 1235 239670
Middle East/Africa +44 1235 239671
Americas +1 215 207 0061
East/South East Asia +65 3158 1074
(Local India: 000 800 100 7479)

2. HAZARDS IDENTIFICATION

GHS Classification

Carcinogenicity : Category 1A

Specific target organ toxicity - repeated exposure : Category 1 (Lungs)

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H350 May cause cancer.
H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.Precautionary statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

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P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance
Chemical nature : Organophilic phyllosilicate

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Quartz (SiO ₂)	14808-60-7	>= 1 - < 3

4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Induce vomiting immediately and call a physician.
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed : No information available.
No information available.

Notes to physician : No information available.

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5. FIREFIGHTING MEASURES

- | | | |
|---------------------------------------|---|--|
| Suitable extinguishing media | : | Water
Carbon dioxide (CO ₂) |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during fire-fighting | : | Will not explode on mechanical impact.
Do not allow run-off from fire fighting to enter drains or water courses.
Handle as an industrial chemical.
Cool closed containers exposed to fire with water spray. |
| Hazardous combustion products | : | Carbon oxides
Nitrogen oxides (NO _x)
Ammonia
silicone compounds |
| Specific extinguishing methods | : | Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust. |
| Environmental precautions | : | Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Keep in suitable, closed containers for disposal. |

7. HANDLING AND STORAGE

- | | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. |
| Advice on safe handling | : | Avoid formation of respirable particles.
Do not breathe vapours/dust.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations. |
| Conditions for safe storage | : | Keep container tightly closed in a dry and well-ventilated place. |

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Quartz (SiO ₂)	14808-60-7	TWA (Respirable fraction)	0,025 mg/m ³ (Silica)	ACGIH

Hygiene measures :

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Colour	:	off-white
Odour	:	slight
Odour Threshold	:	Not applicable
pH	:	4 - 6 (20 °C) Concentration: 1 % Method: Universal pH-value indicator
Melting point/ range	:	Not applicable
Boiling point/boiling range	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	May form combustible dust concentrations in air.
Upper explosion limit	:	Not applicable
Lower explosion limit	:	95 g/m ³
Vapour pressure	:	Not applicable
Relative density	:	No data available
Density	:	1,6 g/cm ³ (20 °C, 1.013 hPa)
Bulk density	:	No data available
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-	:	No data available

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octanol/water	
Ignition temperature	: 275 °C Ignition temperature dust layer
	520 °C Ignition temperature dust cloud
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
Dust deflagration index (Kst)	: 116 m.b_/s
Minimum ignition energy	: 40 mJ without inductivity

10. STABILITY AND REACTIVITY

Conditions to avoid	: Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials	: Strong oxidizing agents Strong acids and strong bases
Hazardous decomposition products	: No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

Skin corrosion/irritation**Product:**

Remarks: No data available

Serious eye damage/eye irritation**Product:**

Remarks: No data available

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Respiratory or skin sensitisation**Product:**

Remarks: No data available

Repeated dose toxicity**Product:**Remarks: No data available

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish

:

Remarks: No data available

Toxicity to daphnia and other
aquatic invertebrates

:

Remarks: No data available

Persistence and degradability**Product:**

Biodegradability

:

Remarks: No data available

Bioaccumulative potential**Product:**

Bioaccumulation

:

Remarks: No data available

Mobility in soil

No data available

Other adverse effectsNo data available

13. DISPOSAL CONSIDERATIONS**Disposal methods**

14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

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Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC CodeNot applicable for product as supplied.

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.