

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07

Version: 1.0

Page: 1/10

(30480030/SDS_GEN_MX/EN)

1. Identification

Product identifier used on the label

Cinquasia® Pink K 4410

Recommended use of the chemical and restriction on use

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF Mexicana S.A. de C.V.
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Col. CD. De Los Deportes,
C.P. 03710 Ciudad de México
MÉXICO

Telephone: +52 55 5325 2600

Emergency telephone number

Tel.: +1-800-849-5204 or +1-833-229-1000
CHEMTREC Int.: +1-703-527-3887

Other means of identification

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Combustible Dust Combustible Dust (1) Combustible Dust

Label elements

Signal Word:
Warning

Hazard Statement:

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 2/10
(30480030/SDS_GEN_MX/EN)

May form combustible dust concentration in air.

Hazards not otherwise classified

The product is under certain conditions capable of dust explosion.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

If on skin:

Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 3/10
(30480030/SDS_GEN_MX/EN)

Suitable extinguishing media:
dry powder, foam

Unsuitable extinguishing media for safety reasons:
carbon dioxide

Additional information:
Avoid whirling up the material/product because of the danger of dust explosion.

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

Impact Sensitivity:

Assessment: Product is not explosive when subjected to mechanical impact.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective clothing.

Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Contain with dust binding material and dispose of.
Avoid raising dust.

7. Handling and Storage

Precautions for safe handling

Closed containers should only be opened in well-ventilated areas.

Protection against fire and explosion:
Dust can form an explosive mixture with air.

Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.
Avoid all sources of ignition: heat, sparks, open flame.

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 4/10
(30480030/SDS_GEN_MX/EN)

8. Exposure Controls/Personal Protection

No occupational exposure limits known.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) particulate respirator.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

General safety and hygiene measures:

Eye wash fountains and safety showers must be easily accessible.

9. Physical and Chemical Properties

Form:	powder	
Odour:	odourless	
Colour:	pink	
pH value:	5.5 - 8	
Melting point:	dropped, The substance / product decomposes therefore not determined.	
Boiling point:	The substance / product decomposes therefore not determined.	
Flash point:	not applicable	
Flammability:	not highly flammable	(other)
Lower explosion limit:	For solids not relevant for classification and labelling.	
Upper explosion limit:	For solids not relevant for classification and labelling.	
Autoignition:	not determined	
Vapour pressure:	not applicable	
Density:	1.5 g/cm ³ (20 °C)	
Relative density:	approx. 1.5	
Bulk density:	approx. 100 kg/m ³ (20 °C)	
Partitioning coefficient n-octanol/water (log Pow):	2.2 (24 °C)	(measured)
Self-ignition temperature:	> 240 °C	
Thermal decomposition:	> 450 °C	
Viscosity, dynamic:	not relevant	
Viscosity, kinematic:	not relevant	
Particle size:	D50 3.8 µm	(measured)
	The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.	
% volatiles:	none	

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 5/10
(30480030/SDS_GEN_MX/EN)

Solubility in water:	0.002 mg/l (20 °C)
Molar mass:	340.38 g/mol

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:
not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid dust formation. Avoid deposition of dust.

Incompatible materials

None known during use and storage if used according to instructions.

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:
> 450 °C, 3 K/min

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

Oral

Type of value: LD50

Species: rat (male/female)

Value: > 5,000 mg/kg (OECD Guideline 423)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 6/10
(30480030/SDS_GEN_MX/EN)

Inhalation

Type of value: LC50

Species: rat (male/female)

Value: > 3.055 mg/l (OECD Guideline 403)

Exposure time: 4 h

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Dermal

Type of value: LD50

Species: rat (male/female)

Value: > 2,000 mg/kg (OECD Guideline 402)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Irritation / corrosion

Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes.

Skin

Species: rabbit

Result: non-irritant

Method: OPP 81-5 (EPA-Guideline)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Eye

Species: rabbit

Result: Slightly irritating.

Method: OECD Guideline 405

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Guinea pig maximization test

Species: guinea pig

Result: Non-sensitizing.

Method: OECD Guideline 406

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 7/10
(30480030/SDS_GEN_MX/EN)

Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects.

Experimental/calculated data: OECD Guideline 409 rat (male/female) gavage 90 d

NOAEL: 1,000 mg/kg

OECD Guideline 407 rat (male/female) gavage 28d

NOAEL: 1,000 mg/kg

Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in a test with mammals. No mutagenic effect was found in various tests with bacteria and mammalian cell culture. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Genetic toxicity in vitro: OECD Guideline 471 Ames-test with and without metabolic activation negative

OECD Guideline 476 Mammalian cell gene mutation assay with and without metabolic activation negative

OECD Guideline 473 Chromosomal Aberration Test with and without metabolic activation negative

Genetic toxicity in vivo: similar to OECD guideline 474 Micronucleus assay mouse (male/female) gavage negative

Carcinogenicity

Assessment of carcinogenicity: No data available concerning carcinogenic effects. Study scientifically not justified.

Reproductive toxicity

Assessment of reproduction toxicity: Repeated oral uptake of the substance did not cause damage to the reproductive organs. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Teratogenicity

Assessment of teratogenicity: No data available. Study scientifically not justified.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

No toxic effects occur within the range of solubility. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

Toxicity to fish

LC50 > 100 mg/l, Fish (OECD 203; ISO 7346; 84/449/EEC, C.1)

Analogous: Assessment derived from products with similar chemical character.

Aquatic invertebrates

EC50 (48 h) > 1,000 mg/l, Daphnia sp.

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 8/10
(30480030/SDS_GEN_MX/EN)

Aquatic plants

EC50 (72 h) > 10 mg/l (growth rate), Desmodemus subspicatus (OECD Guideline 201, static)
Tested above maximum solubility. The details of the toxic effect relate to the nominal concentration.
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Chronic toxicity to fish

No observed effect concentration (28 d) \geq 10 mg/l, Brachydanio rerio (OECD Guideline 215, semistatic)
The details of the toxic effect relate to the nominal concentration. No toxic effects occur within the range of solubility. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Soil living organisms

Toxicity to soil dwelling organisms:

No observed effect concentration (14 d) 1,000 mg/kg, Eisenia foetida (OECD Guideline 207, artificial soil)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Toxicity to terrestrial plants

Study does not need to be conducted.

Other terrestrial non-mammals

Study does not need to be conducted.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

OECD Guideline 209 aerobic

activated sludge, domestic/EC0 (3 h): > 1,000 mg/l

Tested above maximum solubility. The details of the toxic effect relate to the nominal concentration.
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

Poorly biodegradable. Colourants are by their nature very stable and are therefore not readily biodegradable under conditions prevailing in surface water or in effluent treatment plants.

Assessment of stability in water

According to structural properties, hydrolysis is not expected/probable.
Study technically not feasible.

Assessment photodegradation

After evaporation or exposure to the air, the product will be rapidly degraded by photochemical processes.

Bioaccumulative potential

Assessment bioaccumulation potential

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

Bioaccumulation potential

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07
Version: 1.0

Page: 9/10
(30480030/SDS_GEN_MX/EN)

Study scientifically not justified.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is not expected.

13. Disposal considerations

Waste disposal of substance:

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

Container disposal:

Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport Information

Land transport

TDG

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

VOC content:

none

Federal Regulations

Not applicable

NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

Safety Data Sheet

Cinquasia® Pink K 4410

Revision date : 2018/06/07

Version: 1.0

Page: 10/10

(30480030/SDS_GEN_MX/EN)

SDS Prepared on: 2018/06/07

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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This information is considered accurate but is not exhaustive and shall only be used as a guideline based on current knowledge of the chemical substance or mixture. Safety precautions suitable for the product must be applied.

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