

Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

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

1.1. Product identifier

Trade name: Colorex Effekt

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

Recommended uses: Paint

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Hagemans Nordic AB
Address: Box 112
Zip code: 511 10
City: Fritsla
Country: SWEDEN
E-mail: info@hagemansnordic.com
Phone: +46 (0)320 18900
Homepage: www.colorex.se

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Flam. Liq. 3;H226

Most serious harmful effects: Flammable liquid and vapour.

2.2. Label elements

Pictograms



Signal word: Warning

H-phrases

H226 Flammable liquid and vapour.

P-phrases

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P302/352 IF ON SKIN: Wash with plenty of soap and water.

P501 Dispose of contents/container in accordance with local regulations.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

EUH211

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

VOC:

This product contains a maximum of 500 g VOC/L. The limit value is 500 g VOC/L (cat. A/i)

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics		919-857-5	01-2119463258-33	< 20%		Flam. Liq. 3;H226 Asp. Tox. 1;H304 STOT SE 3;H336
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics		918-481-9	01-2119457273-39	< 20%		Asp. Tox. 1;H304
trizinc bis (orthophosphate)	7779-90-0	231-944-3	01-2119485044-40	< 1.0%		Aquatic Acute 1;H400 Aquatic Chronic 1;H410
2-Propenoic acid, butyl ester, homopolymer, reaction product with 1,3-Propanamine, N,N-dimethyl-	222417-26-7			< 0.25%		Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Chronic 1;H410

Please see section 16 for the full text of H-phrases.

Ingredient comments:

trizinc bis(orthophosphate) (7779-90-0) is a part of a raw material where a supplier has received a lower environmental classification by testing.

Some products in this product range contain $\geq 1\%$ titanium dioxide (13463-67-7). The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion:

Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Skin contact:

Remove contaminated clothing. Wash skin with soap and water.

Eye contact:

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

General:

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

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

Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.

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

Treat symptoms.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for fire-fighters

Send contaminated extinguishing water for destruction. Containers close to fire should be removed or cooled with water. Use a respirator and other protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Provide adequate ventilation. Smoking and naked flames prohibited. Wear suitable protective clothing. Wear safety goggles if there is a risk of eye splash.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Provide good ventilation. Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapours. Do not eat, drink or smoke during work.

7.2. Conditions for safe storage, including any incompatibilities

Flammable Store in a dry, cool, well-ventilated area. Store safely and keep out of reach of children.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

8.2. Exposure controls

Exposure controls: Provide adequate ventilation. Smoking and naked flames prohibited.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves:

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Viscous liquid.
Colour	According to product specification
Odour	Solvent
Solubility	Solubility in water: Insoluble
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising.

Parameter	Value/unit	Remarks
pH (solution for use)		Not applicable.
pH (concentrate)		Not relevant
Melting point	< -20 °C	Solvent
Freezing point	No data	
Initial boiling point and boiling range	160 - 245	Solvent
Flash Point	40 - 50 °C	
Evaporation rate	No data	
Flammability (solid, gas)		Vapours may form explosive mixtures with air.
Flammability limits	No data	
Explosion limits	0.6 - 7.0 vol%	Solvent
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	> 200 °C	Solvent
Decomposition temperature	No data	
Viscosity	> 20.5 mm ² /s	@ 40°C
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	990-1200 kg/m ³	

SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

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

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Oxidisers.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	Based on existing data, the classification criteria are deemed not to have been met. Ingestion may cause discomfort.
Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Based on existing data, the classification criteria are deemed not to have been met. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation:	Based on existing data, the classification criteria are deemed not to have been met. May cause eye irritation.
Respiratory sensitisation or skin sensitisation:	Based on existing data, the classification criteria are deemed not to have been met. The product contains small quantities of allergenic substance.
Germ cell mutagenicity:	Based on existing data, the classification criteria are deemed not to have been met.
Carcinogenic properties:	Based on existing data, the classification criteria are deemed not to have been met.
Reproductive toxicity:	Based on existing data, the classification criteria are deemed not to have been met.
Single STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.
Repeated STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met.
Aspiration hazard:	Based on existing data, the classification criteria are deemed not to have been met. Inhalation of spray mist may cause chemical pneumonia.

SECTION 12: Ecological information

12.1. Toxicity

trizinc bis(orthophosphate), cas-no 7779-90-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
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Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

Fish	Brachydanio rerio	96h	96hLC50	> 100mg/l		OECD 203 bridging principles (CLP)	Supplier's Safety Data Sheet
Crustacea	Daphnia magna	48h	48hEC50	> 100mg/l		OECD 202 bridging principles (CLP)	Supplier's Safety Data Sheet
Algae	Scenedesmus subspicatus	72h	72hIC50	> 100mg/l		OECD 201 bridging principles (CLP)	Supplier's Safety Data Sheet

2-Propenoic acid, butyl ester, homopolymer, reaction product with 1,3-Propanamine, N,N-dimethyl-, cas-no 222417-26-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss	96h	96hLC50 static	0.89mg/l		OECD 203	

Test data for raw materials containing >95% trizinc bis (orthophosphate) (7779-90-0)
Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

2-Propenoic acid, butyl ester, homopolymer, reaction product with 1,3-Propanamine, N,N-dimethyl-, cas-no 222417-26-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Not readily biodegradable.	OECD 301 B	

The product contains at least one substance that is not biodegradable.

12.3. Bioaccumulative potential

trizinc bis(orthophosphate), cas-no 7779-90-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					No bioaccumulation expected.		ECHA

No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Can be dumped as landfill or incinerated in accordance with local regulations.

Category of waste:

EWC code: Depends on line of business and use, for instance
08 01 11* waste paint and varnish containing organic solvents or other hazardous

Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

substances
15 01 10* packaging containing residues of or contaminated by hazardous substances
15 01 04 metallic packaging

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN-No.:	1263	14.4. Packing group:	III
14.2. UN proper shipping name:	PAINT	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Hazard identification number:	30	Tunnel restriction code:	D/E

Inland water ways transport (ADN)

14.1. UN-No.:	1263	14.4. Packing group:	III
14.2. UN proper shipping name:	PAINT	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN-No.:	1263	14.4. Packing group:	III
14.2. UN proper shipping name:	PAINT	14.5. Environmental hazards:	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	3	Environmental Hazardous Substance Name(s):	
Hazard label(s):	3		
EmS:	F-E, S-E	IMDG Code segregation group:	- None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN-No.:	1263	14.4. Packing group:	III
14.2. UN proper shipping name:	PAINT	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Other Information: Packaging < 450 liters transported according to 2.2.3.1.5 in ADR and to 2.3.2.5 in IMDG

SECTION 15: Regulatory information

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

15.2. Chemical Safety Assessment

Safety Data Sheet

Colorex Effekt

Replaces date: 31/01/2019

Revision date: 03/02/2021

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Vendor notes: Changes have been made in sections: 1-16.

List of relevant H-statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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