

Safety Data Sheet

Colorex Stabil

Replaces date: 10/02/2021

Revision date: 16/12/2022

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

1.1. Product identifier

Trade name: Colorex Stabil

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: Aquatic Chronic 3;H412

Most serious harmful effects: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

VOC: This product contains a maximum of 400 g VOC/L. The limit value is 400 g VOC/L (cat. A/e)

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

Endocrine disrupting properties: None known.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Substance | CAS No./ EC No./ REACH Reg. No. | Concentration | Notes | CLP-classification |
|---|---------------------------------|---------------|-------|---|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 918-481-9 01-2119457273-39 | 30 - 40 % | | Asp. Tox. 1;H304 EUH066 |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 259-627-5 | < 1 % | | Acute Tox. 4;H302 Skin Sens. 1;H317 Eye Dam. 1;H318 Acute Tox. 3;H331 STOT RE 1;H372 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 M (acute): 10 M (chronic): 1 |
| 2-Propenoic acid, butyl ester, homopolymer, reaction product with 1, 3-Propanamine, N,N-dimethyl- | 222417-26-7 | < 0.5 % | | Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Chronic 1;H410 |

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

Ingredient comments: 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: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. 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

The product contains substances that in some cases can cause an allergic reaction on skin contact.

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

Treat symptoms.

SECTION 5: Firefighting 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.

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5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

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. Keep unnecessary personnel away.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

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

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

Keep in tightly closed original packaging.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

8.2. Exposure controls

Appropriate engineering controls: Use the product under well-ventilated conditions.

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

Personal protective equipment, skin protection: Wear suitable protective clothing.

Personal protective equipment, hand protection: Heavy use, longterm contact (more than 2 hours): Wear gloves.

Personal protective equipment, respiratory protection: In case of insufficient ventilation: Wear respiratory protective equipment.

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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 |

| Parameter | Value/unit | Remarks |
|---|------------------------------|---|
| Odour threshold | No data | |
| Melting point | < -20 °C | Solvent. |
| Freezing point | No data | |
| Initial boiling point and boiling range | 160 - 245 °C | Solvent |
| Flammability (solid, gas) | | Vapours may form explosive mixtures with air. |
| Flammability limits | No data | |
| Explosion limits | 0.6 - 7.0 vol% | Solvent |
| Flash Point | > 60 °C | Solvent |
| Auto-ignition temperature | > 200 °C | |
| Decomposition temperature | No data | |
| pH (solution for use) | | Not applicable. |
| pH (concentrate) | | Not applicable. |
| Kinematic viscosity | No data | |
| Viscosity | > 20.5 mm ² /s | @ 40°C |
| Partition coefficient n-octanol/water | No data | |
| Vapour pressure | < 1 hPa | Solvent @ 20°C |
| Density | 960 - 1100 kg/m ³ | |
| Relative density | No data | |
| Vapour density | No data | |
| Relative density (sat. air) | No data | |
| Particle characteristics | No data | |

9.2. Other information

| Parameter | Value/unit | Remarks |
|----------------------|------------|---|
| Evaporation rate | 0.04 | Solvent |
| Explosive properties | | Vapours may form explosive mixtures with air. |
| Oxidising properties | | Non-oxidising. |

SECTION 10: Stability and reactivity

10.1. Reactivity

The product may ignite on contact with e.g. heat or a spark.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

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10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight).

10.5. Incompatible materials

Avoid contact with the following: 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 hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|---|--|
| 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. Inhalation of vapours/spray mist may cause irritation to the upper airways. |
| 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 amounts of 3-iodo-2-propynyl butylcarbamate. Persons with a known allergy may exhibit an allergic response to the product. |
| 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. |

11.2. Information on other hazards

| | |
|---|---|
| Endocrine disrupting properties: | Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100. |
|---|---|

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SECTION 12: Ecological information

12.1. Toxicity

3-iodo-2-propynyl butylcarbamate, cas-no 55406-53-6

| Organism | Species | Exposure time | Test Type | Value | Conclusion | Test method | Source |
|-----------|----------------------------|---------------|-----------|-------------|------------|-------------|--------|
| Crustacea | Daphnia magna | 21 days | EC50 | 0.05 mg/l | | | |
| Bacteria | | 3 h | EC50 | 44 mg/l | | | |
| Fish | Oncorhynchus mykiss | 96h | NOEC | 0.049 mg/l | | | |
| Fish | Pimephales promelas larvae | 35 days | NOEC | 0.0048 mg/l | | | |
| Algae | Scenedesmus subspicatus | 72h | EC50 | 0.022 mg/l | | | |
| Crustacea | Daphnia magna | 48h | EC50 | 0.16 mg/l | | | |
| Fish | Oncorhynchus mykiss | 96h | LC50 | 0.067 mg/l | | | |
| Algae | Scenedesmus subspicatus | 72h | NOEC | 0.0046 mg/l | | | |

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 | 0.89 mg/l | | OECD 203 | |

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

3-iodo-2-propynyl butylcarbamate, cas-no 55406-53-6

| Organism | Species | Exposure time | Test Type | Value | Conclusion | Test method | Source |
|------------------------|---------|---------------|------------|-------|------------------------|-----------------|--------|
| active sludge, 30 mg/l | | 28 days | OECD 301 F | 25 | Readily biodegradable. | 1.03 gO2/g ThOD | |

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 | |

Test data are not available for all substances Expected to be biodegradable.

12.3. Bioaccumulative potential

3-iodo-2-propynyl butylcarbamate, cas-no 55406-53-6

| Organism | Species | Exposure time | Test Type | Value | Conclusion | Test method | Source |
|----------|---------|---------------|-----------|-------|------------|-------------|--------|
| | | | Log Pow | 2.81 | low | | |

Test data are not available for all substances No bioaccumulation expected.

12.4. Mobility in soil

No data is documented.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

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12.6. Endocrine disrupting properties

Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100.

12.7. Other adverse effects

Volatile organic compound (VOC). Potential for photo-chemical formation of ozone.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment. 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.

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 substances

SECTION 14: Transport information

Land transport (ADR/RID)

| | | | |
|--|-----------------|-------------------------------------|-----------------|
| 14.1. UN number or ID number: | Not applicable. | 14.4. Packing group: | Not applicable. |
| 14.2. UN proper shipping name: | Not applicable. | 14.5. Environmental hazards: | Not applicable. |
| 14.3. Transport hazard class(es): | Not applicable. | | |

Inland water ways transport (ADN)

| | | | |
|--|-----------------|-------------------------------------|-----------------|
| 14.1. UN number or ID number: | Not applicable. | 14.4. Packing group: | Not applicable. |
| 14.2. UN proper shipping name: | Not applicable. | 14.5. Environmental hazards: | Not applicable. |
| 14.3. Transport hazard class(es): | Not applicable. | | |

Sea transport (IMDG)

| | | | |
|--|-----------------|-------------------------------------|-----------------|
| 14.1. UN number or ID number: | Not applicable. | 14.4. Packing group: | Not applicable. |
| 14.2. UN proper shipping name: | Not applicable. | 14.5. Environmental hazards: | Not applicable. |
| 14.3. Transport hazard class(es): | Not applicable. | | |

Air transport (ICAO-TI / IATA-DGR)

| | | | |
|--|-----------------|-------------------------------------|-----------------|
| 14.1. UN number or ID number: | Not applicable. | 14.4. Packing group: | Not applicable. |
| 14.2. UN proper shipping name: | Not applicable. | 14.5. Environmental hazards: | Not applicable. |
| 14.3. Transport hazard class(es): | Not applicable. | | |

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

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15.2. Chemical Safety Assessment

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 Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

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

Hazard statements

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H372 Causes damage to organs through prolonged or repeated exposure.
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.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

Country: GB