

ARMSTRONG'S WOOD STAIN

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

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Version: 2.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: ARMSTRONG'S WOOD STAIN starting 10/01/2021 (date stamp on bottom of can)

1.2. Intended Use of the Product

Use of the Substance/Mixture: WOOD STAIN

1.3. Name, Address, and Telephone of the Responsible Party

Company

Armstrong Clark company

Camage Ave. 14949

95370 Sonora - United States

Phone Number: 800-565-8211

1.4. Emergency Telephone Number

Emergency Number : CHEMTREC: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

| | |
|-------------------|------|
| Eye Irrit. 2A | H319 |
| Skin Sens. 1 | H317 |
| Carc. 1B | H350 |
| STOT RE 2 | H373 |
| Asp. Tox. 1 | H304 |
| Aquatic Acute 2 | H401 |
| Aquatic Chronic 3 | H412 |

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) :

Hazard Statements (GHS-US) :

Danger

H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H350 - May cause cancer.

H373 - May cause damage to organs(blood, liver, spleen, thymus) through prolonged or repeated exposure.

H401 - Toxic to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US) :

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P301+P310 - If swallowed: Immediately call a poison center or doctor.

P302+P352 - If on skin: Wash with plenty of water.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

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

P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

P331 - Do NOT induce vomiting.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

| Name | Synonyms | Product Identifier | % | GHS US classification |
|--------------------------|--|-----------------------|---------|---|
| Proprietary Ingredient 1 | None | (CAS-No.) Proprietary | 60 – 80 | Asp. Tox. 1, H304 |
| Linseed oil | Flaxseed Oil / Linseed fatty acids, glycerin ester / Linseed oil absolute / Linseed oil extract / Linseed oil fatty acids, glycerol triester / Linseed oil, raw / Linseed oil, wash recovered / Oils, linseed / Linseed oil extractives and physically modified derivatives obtained from <i>Linum usitatissimum</i> , Linaceae / LINUM USITATISSIMUM OIL / <i>Linum usitatissimum</i> (linseed) seed oil / Linseed oil (Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids linoleic, linolenic and oleic. (<i>Linum usitatissimum</i>)). / Linseed Oil / LINUM USITATISSIMUM FLOWER EXTRACT / LINUM USITATISSIMUM HULL EXTRACT / LINUM USITATISSIMUM SEED EXTRACT / LINUM USITATISSIMUM SEED OIL / linseed oil | (CAS-No.) 8001-26-1 | 15-40 | Not classified |
| Proprietary Ingredient 2 | None | (CAS-No.) Proprietary | 5-10 | Flam. Liq. 1, H224 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 1B, H350 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |

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| | | | | |
|--|---|----------------------|--------|--|
| 3-Iodo-2-propynyl butylcarbamate | Carbamate, 3-iodo-2-propynyl butyl- / Carbamic acid, butyl-, 3-iodo-2-propynyl ester / 3-Iodo-2-propynyl n-butylcarbamate / 3-Iodo-2-propynyl butylcarbamate / Iodo-2-propynylbutylcarbamate, 3- / Iodocarb / IPBC / 3-Iodo-2-propynylbutylcarbamate / Carbamic acid, N-butyl-, 3-iodo-2-propyn-1-yl ester / Iodopropynyl butylcarbamate / IODOPROPYNYL BUTYLCARBAMATE / 3-Iodo-2-propynyl-n-butylcarbamate / 3-Iodoprop-2-yn-1-yl butylcarbamate / iodopropynyl butylcarbamate | (CAS-No.) 55406-53-6 | ≤ 0.25 | Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| 1,2-Propanediol | 1,2-Propylene glycol / 1,2-Dihydroxypropane / Propane-1,2-diol / Propylene glycol / PROPYLENE GLYCOL | (CAS-No.) 57-55-6 | ≤ 0.11 | Not classified |
| 3(2H)-Isothiazolone, 2-octyl- | 4-Isothiazolin-3-one, 2-octyl- / 2-Octyl-2H-isothiazol-3-one / 2-N-Octyl-4-isothiazolin-3-one / 2-Octylisothiazol-3(2H)-one / Octhilineone / 2-Octyl-4-isothiazolin-3-one / 2-n-Octyl-4-isothiazolin-3-one / 2-n-Octyl-2,3-dihydroisothiazol-3-one / 2-Octyl-3(2H)-isothiazolone / 1-Octanol / 2-Octyl-isothiazol-3(2H)-one / 2-octyl-2H-isothiazol-3-one / octhilineone / OCTYLISOTHIAZOLINONE / 2-Octyl-isothiazolone | (CAS-No.) 26530-20-1 | ≤ 0.09 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) | Hexanoic acid, 2-ethyl-, cobalt(2+) salt / Cobalt bis(2-ethylhexanoate) / Cobalt(II) 2-ethylhexanoate / 2-Ethylhexanoic acid, cobalt(2+) salt / Cobalt octoate / 2-Ethylhexanoic acid, cobalt salt / Cobaltous 2-ethylhexanoate | (CAS-No.) 136-52-7 | 0.08 | Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Skin Irrit. 2, H315 |
| n-Butyl glycidyl ether | Butyl 2,3-epoxypropyl ether / Butyl glycidyl ether / Oxirane, (butoxymethyl)- / Propane, 1-butoxy-2,3-epoxy- / Oxirane, 2-(butoxymethyl)- / n-Butyl 2,3-epoxypropyl ether / 1-Butoxy-2,3-epoxypropane / BGE / 2-(Butoxymethyl)oxirane / 2,3-Epoxypropyl butyl ether / 1-Butyl (2,3-epoxy-1-propyl) ether / 1-n-Butoxy-2,3-epoxypropane / (Butoxymethyl)oxirane / 1-Butyl glycidyl ether / Glycidyl butyl ether / butyl glycidyl ether | (CAS-No.) 2426-08-6 | ≤ 0.05 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation:vapour), H332 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 3, H412 |

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

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First-aid Measures After Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. If exposed or concerned: Get medical advice/attention. Obtain medical attention if irritation/rash develops or persists.

First-aid Measures After Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures After Ingestion: Do NOT induce vomiting. Rinse mouth. Place affected person on their side. Immediately call a POISON CENTER or doctor/physician.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: May cause cancer. May cause damage to organs(blood, liver, spleen, thymus) through prolonged or repeated exposure. Skin sensitization. Causes serious eye irritation. May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: May cause cancer. May cause damage to organs(blood, liver, spleen, thymus) through prolonged or repeated exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Sulfur oxides. Oxides of cobalt.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. AVOID SPONTANEOUS COMBUSTION! Place all rags and sponges in a water filled metal container after use to prevent spontaneous combustion. If you do not have a container, use an empty stain can. Let the rags sit for at least one week. Saturate any large textiles like drop cloths or paper products used for dropped sheets or spray guards with water. Wash clothes with stain on them - do not leave them lying around.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapors/spray. Avoid contact with skin, eyes and clothing. AVOID SPONTANEOUS COMBUSTION! Place all rags and sponges in a water filled metal container after use to prevent spontaneous combustion. If you do not have a container, use an empty stain can. Let the rags sit for at least one week. Saturate any large textiles like drop cloths or paper products used for dropped sheets or spray guards with water. Wash clothes with stain on them - do not leave them lying around.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

WOOD STAIN

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

| Proprietary Ingredient 2 | | |
|------------------------------------|-------------------------|---|
| USA NIOSH | NIOSH REL (Ceiling) | 1800 mg/m ³ (15 min) |
| USA OSHA | OSHA PEL (TWA) [1] | 2000 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) [2] | 500 ppm |
| 1,2-Propanediol (57-55-6) | | |
| USA AIHA | WEEL TWA | 10 mg/m ³ |
| n-Butyl glycidyl ether (2426-08-6) | | |
| USA ACGIH | ACGIH OEL TWA [ppm] | 3 ppm |
| USA ACGIH | ACGIH chemical category | Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer |
| USA NIOSH | NIOSH REL (Ceiling) | 30 mg/m ³ |
| USA NIOSH | NIOSH REL C [ppm] | 5.6 ppm |
| USA IDLH | IDLH [ppm] | 250 ppm |
| USA OSHA | OSHA PEL (TWA) [1] | 270 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) [2] | 50 ppm |

8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Wear protective gloves.

Eye and Face Protection

: Chemical safety goggles.

Skin and Body Protection

: Wear suitable protective clothing.

Respiratory Protection

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information

: When using, do not eat, drink or smoke.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

| | |
|--|-------------------------------------|
| Physical State | : Liquid |
| Appearance | : Various colors |
| Odor | : Slight solvent |
| Odor Threshold | : No data available |
| pH | : No data available |
| Evaporation Rate | : No data available |
| Melting Point | : No data available |
| Freezing Point | : No data available |
| Boiling Point | : 375 – 420 °F (190.56 – 215.56 °C) |
| Flash Point | : 205 °F (96.11 °C) |
| Auto-ignition Temperature | : No data available |
| Decomposition Temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapor Pressure | : No data available |
| Relative Vapor Density at 20°C | : No data available |
| Relative Density | : No data available |
| Solubility | : Water: none |
| Partition Coefficient: N-Octanol/Water | : No data available |
| Viscosity | : No data available |

9.2. Other Information

| | |
|-------------|--------|
| VOC Content | : < 50 |
|-------------|--------|

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. **Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. **Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. **Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. **Hazardous Decomposition Products:** Hazardous decomposition products are not expected under normal conditions of storage.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

| | |
|--|--------------------------------|
| Proprietary Ingredient 2 | |
| LD50 Oral Rat | > 5000 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) (136-52-7) | |
| LD50 Oral Rat | 1.22 g/kg |
| LD50 Dermal Rabbit | > 5000 mg/kg |
| LC50 Inhalation Rat | > 10 mg/l (Exposure time: 1 h) |
| Proprietary Ingredient 1 | |
| LD50 Oral Rat | > 2000 mg/kg |
| LD50 Dermal Rabbit | > 4480 mg/kg |
| 1,2-Propanediol (57-55-6) | |
| LD50 Oral Rat | 20 g/kg |
| LD50 Dermal Rabbit | 20800 mg/kg |
| 3(2H)-Isothiazolone, 2-octyl- (26530-20-1) | |
| LD50 Oral Rat | 550 mg/kg |
| LD50 Dermal Rat | 690 mg/kg |

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| | |
|--|-------------------------------|
| LD50 Dermal Rabbit | 690 mg/kg |
| LC50 Inhalation Rat | 0.586 mg/l/4h |
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) | |
| LD50 Oral Rat | 1470 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |
| LC50 Inhalation Rat | 0.99 mg/l/4h |
| n-Butyl glycidyl ether (2426-08-6) | |
| LD50 Oral Rat | 2050 mg/kg |
| LD50 Dermal Rabbit | 788 mg/kg |
| LC50 Inhalation Rat | 5.05 mg/l/4h |
| LC50 Inhalation Rat | 1030 ppm (Exposure time: 8 h) |

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: May cause cancer.

| | |
|---|---|
| Proprietary Ingredient 2 | |
| IARC group | 3 |
| n-Butyl glycidyl ether (2426-08-6) | |
| IARC group | 2B |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. |

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs(blood, liver, spleen, thymus) through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: May cause cancer. May cause damage to organs(blood, liver, spleen, thymus) through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

| | |
|--|---|
| Proprietary Ingredient 2 | |
| LC50 Fish 1 | 7.1 mg/l (Species: Pimephales promelas, Exposure time 96 h) |
| LC50 Other Aquatic Organisms 1 | 2.7 mg/l LL50 96 hr (Kelp forest mysid shrimp) |
| EC50 - Crustacea [1] | 6.9 mg/l (Exposure time: 48 h) |
| 1,2-Propanediol (57-55-6) | |
| LC50 Fish 1 | 51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 - Crustacea [1] | 10000 mg/l (Exposure time: 24 h - Species: Daphnia magna) |
| LC50 Fish 2 | 41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 - Crustacea [2] | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| 3(2H)-Isothiazolone, 2-octyl- (26530-20-1) | |
| LC50 Fish 1 | 0.047 mg/kg (Exposure Time: 96 h - Species: Oncorhynchus mykiss [Flow-through]) |
| LC50 Fish 2 | 0.05 ppm Exposure Time: 96 h - Species: Oncorhynchus mykiss [static]) |
| NOEC Chronic Fish | < 0.05 |
| NOEC Chronic Algae | < 0.011 (Test Duration: 120 h - Species: Selenastrum capricornutum [static]) |
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) | |
| LC50 Fish 1 | 0.14 (0.14 – 0.32) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through]) |

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| | |
|-------------|--|
| LC50 Fish 2 | 0.049 (0.049 – 0.079) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
|-------------|--|

| | |
|---|--------|
| n-Butyl glycidyl ether (2426-08-6) | |
| EC50 - Crustacea [1] | 2 mg/l |

12.2. Persistence and Degradability

| | |
|-------------------------------|---|
| ARMSTRONG'S WOOD STAIN | |
| Persistence and Degradability | May cause long-term adverse effects in the environment. |

12.3. Bioaccumulative Potential

| | |
|-------------------------------|------------------|
| ARMSTRONG'S WOOD STAIN | |
| Bioaccumulative Potential | Not established. |

| | |
|---|-------|
| 1,2-Propanediol (57-55-6) | |
| BCF Fish 1 | < 1 |
| Partition coefficient n-octanol/water (Log Pow) | -0.92 |

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

| | |
|-------------------------------------|---|
| ARMSTRONG'S WOOD STAIN | |
| SARA Section 311/312 Hazard Classes | Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Respiratory or skin sensitization Health hazard - Serious eye damage or eye irritation Health hazard - Aspiration hazard |

| | |
|---|--|
| Proprietary Ingredient 2 | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

| | |
|---|--|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) (136-52-7) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

| | |
|---|--|
| Proprietary Ingredient 1 | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

| | |
|---|--|
| Linseed oil (8001-26-1) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

| | |
|---|--|
| 1,2-Propanediol (57-55-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

| | |
|---|--|
| 3(2H)-Isothiazolone, 2-octyl- (26530-20-1) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

| | |
|--|--|
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) | |
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| | |
|--|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 313 - Emission Reporting | 1 % |
| n-Butyl glycidyl ether (2426-08-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA TSCA Regulatory Flag | TP - TP - indicates a substance that is the subject of a proposed Section 4 test rule under TSCA. |

15.2. US State Regulations

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|---|
| Proprietary Ingredient 2 |
| U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List |
| Linseed oil (8001-26-1) |
| U.S. - Pennsylvania - RTK (Right to Know) List |
| 1,2-Propanediol (57-55-6) |
| U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) |
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| n-Butyl glycidyl ether (2426-08-6) |
| U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List |

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

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|---|--|
| Date of Preparation or Latest Revision | : 07/08/2021 |
| Other Information | : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200]. |

GHS Full Text Phrases:

| | |
|-------------------------------------|--|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3 |
| Acute Tox. 3 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral) Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Inhalation:vapour) | Acute toxicity (inhalation:vapor) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment - Acute Hazard Category 1 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Asp. Tox. 1 | Aspiration hazard Category 1 |
| Carc. 1B | Carcinogenicity Category 1B |
| Carc. 2 | Carcinogenicity Category 2 |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 1 | Flammable liquids Category 1 |
| Flam. Liq. 3 | Flammable liquids Category 3 |

ARMSTRONG'S WOOD STAIN

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|---------------|--|
| Muta. 2 | Germ cell mutagenicity Category 2 |
| Repr. 2 | Reproductive toxicity Category 2 |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| STOT RE 2 | Specific target organ toxicity (repeated exposure) Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H224 | Extremely flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H311 | Toxic in contact with skin |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H331 | Toxic if inhaled |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H341 | Suspected of causing genetic defects |
| H350 | May cause cancer |
| H351 | Suspected of causing cancer |
| H361 | Suspected of damaging fertility or the unborn child |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)