



Tropical Teak Oil Sealer

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 03/11/2016 Date of issue: 03/11/2016

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Tropical Teak Oil Sealer

Product Code: 525XX

Intended Use of the Product

Wood maintenance

Name, Address, and Telephone of the Responsible Party

Starbrite® Inc.

4041 SW 47th Avenue

Fort Lauderdale, FL 33314

(954)587-6280

www.starbrite.com

Emergency Telephone Number

Emergency Number : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS-US classification

Flam. Liq. 3 H226

Skin Sens. 1 H317

Muta. 1B H340

Carc. 1B H350

Repr. 1B H360

STOT RE 1 H372

Full text of H-phrases: see section 16

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H226 - Flammable liquid and vapor.
H317 - May cause an allergic skin reaction.
H340 - May cause genetic defects.
H350 - May cause cancer.
H360 - May damage fertility or the unborn child.
H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements (GHS-US)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

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P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, and eye protection.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.
P391 - Collect spillage.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.
P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Other Hazards



GHS09

Aquatic Acute 2 H401

Aquatic Chronic 1 H410

H401 - Toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

P273 - Avoid release to the environment.

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

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Name | Product Identifier | % (w/w) | GHS-US classification |
|---|---------------------|-----------|---|
| Stoddard solvent | (CAS No) 8052-41-3 | 50 - 70 | Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304 |
| Iron oxide (Fe2O3) | (CAS No) 1309-37-1 | 1 - 4 | Comb. Dust |
| Titanium dioxide | (CAS No) 13463-67-7 | 0.1 - 0.5 | Not classified |
| 2-Butanone, oxime | (CAS No) 96-29-7 | 0.1 - 0.5 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351 Aquatic Acute 3, H402 Aquatic Chronic 3, H412 |
| Zirconium ethyl hexoate | (CAS No) 22464-99-9 | 0.1 - 0.5 | Repr. 2, H361 |
| Fatty acids, C6-19-branched, cobalt(2+) salts | (CAS No) 68409-81-4 | 0.1 - 0.5 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 |

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| | | | |
|--|---------------------|--------------------|--|
| | | | Aquatic Chronic 2, H411 |
| Diuron | (CAS No) 330-54-1 | 0.1 - 0.5 | Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Dipropylene glycol monomethyl ether | (CAS No) 34590-94-8 | < 0.1 0.1 - 0.3 | Flam. Liq. 4, H227 |
| Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester | (CAS No) 10605-21-7 | < 0.1 0.1 - 0.3 | Muta. 1B, H340 Repr. 1B, H360 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| 3-Iodo-2-propynyl butylcarbamate | (CAS No) 55406-53-6 | < 0.1 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation:dust,mist), H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

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].

More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

SECTION 4: FIRST AID MEASURES

Description of 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).

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

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

General: Skin sensitization. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an allergic skin reaction.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

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

Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

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Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Explosion Hazard: May form flammable or explosive vapor-air mixture. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

Advice for Firefighters

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

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition.

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

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Hydrocarbons. Nitrogen oxides. Fluorine compounds.

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

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Eliminate ignition sources. 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.

Environmental Precautions

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

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Transfer spilled material to a suitable container for disposal. Use only non-sparking tools. Contact competent authorities after a spill.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Do not pressurize, cut, or weld containers.

Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Use appropriate personal protection equipment (PPE). Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not get in eyes, on skin, or on clothing. Do not breathe mist, spray, and vapors. Take precautionary measures against static discharge. Use only non-sparking tools. Handle empty containers with care because they may still present a hazard.

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

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

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Storage Conditions: Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep container tightly closed and away from combustible materials. Keep in fireproof place. Store in original container. Store locked up.

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

Specific End Use(s)

Wood maintenance

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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), OSHA (PEL), Canadian provincial governments, or the Mexican government

| Stoddard solvent (8052-41-3) | | |
|--------------------------------|--|---|
| Mexico | OEL TWA (mg/m ³) | 523 mg/m ³ |
| Mexico | OEL TWA (ppm) | 100 ppm |
| Mexico | OEL STEL (mg/m ³) | 1050 mg/m ³ |
| Mexico | OEL STEL (ppm) | 200 ppm |
| USA ACGIH | ACGIH TWA (ppm) | 100 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 2900 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 500 ppm |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 350 mg/m ³ |
| USA NIOSH | NIOSH REL (ceiling) (mg/m ³) | 1800 mg/m ³ |
| USA IDLH | US IDLH (mg/m ³) | 20000 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 572 mg/m ³ |
| Alberta | OEL TWA (ppm) | 100 ppm |
| British Columbia | OEL STEL (mg/m ³) | 580 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 290 mg/m ³ |
| Manitoba | OEL TWA (ppm) | 100 ppm |
| New Brunswick | OEL TWA (mg/m ³) | 525 mg/m ³ |
| New Brunswick | OEL TWA (ppm) | 100 ppm |
| Newfoundland & Labrador | OEL TWA (ppm) | 100 ppm |
| Nova Scotia | OEL TWA (ppm) | 100 ppm |
| Nunavut | OEL STEL (mg/m ³) | 720 mg/m ³ |
| Nunavut | OEL STEL (ppm) | 125 ppm |
| Nunavut | OEL TWA (mg/m ³) | 575 mg/m ³ |
| Nunavut | OEL TWA (ppm) | 100 ppm |
| Northwest Territories | OEL STEL (ppm) | 125 ppm |
| Northwest Territories | OEL TWA (ppm) | 100 ppm |
| Ontario | OEL TWA (mg/m ³) | 525 mg/m ³ (140°C Flash aliphatic solvent) |
| Prince Edward Island | OEL TWA (ppm) | 100 ppm |
| Québec | VEMP (mg/m ³) | 525 mg/m ³ |
| Québec | VEMP (ppm) | 100 ppm |
| Saskatchewan | OEL STEL (ppm) | 125 ppm |
| Saskatchewan | OEL TWA (ppm) | 100 ppm |
| Yukon | OEL STEL (mg/m ³) | 720 mg/m ³ |
| Yukon | OEL STEL (ppm) | 150 ppm |
| Yukon | OEL TWA (mg/m ³) | 575 mg/m ³ |
| Yukon | OEL TWA (ppm) | 100 ppm |
| Iron oxide (Fe2O3) (1309-37-1) | | |
| Mexico | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Mexico | OEL STEL (mg/m ³) | 10 mg/m ³ |
| USA ACGIH | ACGIH TWA (mg/m ³) | 5 mg/m ³ (respirable fraction) |

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| | | |
|--------------------------------------|--------------------------------------|---|
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 10 mg/m ³ (fume) 15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction) |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 5 mg/m ³ (dust and fume) |
| USA IDLH | US IDLH (mg/m ³) | 2500 mg/m ³ (dust and fume) |
| Alberta | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable) |
| British Columbia | OEL STEL (mg/m ³) | 10 mg/m ³ (fume) |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (total particulate matter containing no Asbestos and <1% Crystalline silica-total particulate) 3 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate) 5 mg/m ³ (dust and fume) |
| Manitoba | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable fraction) |
| New Brunswick | OEL TWA (mg/m ³) | 5 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, dust and fume) 10 mg/m ³ (regulated under Rouge-particulate matter containing no Asbestos and <1% Crystalline silica) |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable fraction) |
| Nova Scotia | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable fraction) |
| Nunavut | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable mass) 10 mg/m ³ (total mass) |
| Northwest Territories | OEL STEL (mg/m ³) | 10 mg/m ³ (dust and fume) 20 mg/m ³ (regulated under Rouge) |
| Northwest Territories | OEL TWA (mg/m ³) | 5 mg/m ³ (dust and fume) 10 mg/m ³ (regulated under Rouge) |
| Ontario | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable) |
| Prince Edward Island | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable fraction) |
| Québec | VEMP (mg/m ³) | 5 mg/m ³ (dust and fume) 10 mg/m ³ (containing no Asbestos and <1% Crystalline silica, regulated under Rouge-total dust) |
| Saskatchewan | OEL STEL (mg/m ³) | 10 mg/m ³ (dust and fume) 20 mg/m ³ (regulated under Rouge) |
| Saskatchewan | OEL TWA (mg/m ³) | 5 mg/m ³ (dust and fume) 10 mg/m ³ (regulated under Rouge) |
| Yukon | OEL STEL (mg/m ³) | 10 mg/m ³ (fume) 20 mg/m ³ (regulated under Rouge) |
| Yukon | OEL TWA (mg/m ³) | 5 mg/m ³ (fume) 30 mppcf (regulated under Rouge) 10 mg/m ³ (regulated under Rouge) |
| Titanium dioxide (13463-67-7) | | |
| Mexico | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Mexico | OEL STEL (mg/m ³) | 20 mg/m ³ |
| USA ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (total dust) |
| USA IDLH | US IDLH (mg/m ³) | 5000 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 10 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (total dust) 3 mg/m ³ (respirable fraction) |
| Manitoba | OEL TWA (mg/m ³) | 10 mg/m ³ |
| New Brunswick | OEL TWA (mg/m ³) | 10 mg/m ³ |

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| | | |
|---|---------------------------------------|--|
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nova Scotia | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nunavut | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable mass) 10 mg/m ³ (total mass) |
| Northwest Territories | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Northwest Territories | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Ontario | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Prince Edward Island | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Québec | VEMP (mg/m ³) | 10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust) |
| Saskatchewan | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Yukon | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Yukon | OEL TWA (mg/m ³) | 30 mppcf 10 mg/m ³ |
| Diuron (330-54-1) | | |
| Mexico | OEL TWA (mg/m ³) | 10 mg/m ³ |
| USA ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 10 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 10 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Manitoba | OEL TWA (mg/m ³) | 10 mg/m ³ |
| New Brunswick | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nova Scotia | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nunavut | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Nunavut | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Northwest Territories | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Northwest Territories | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Ontario | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Prince Edward Island | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Québec | VEMP (mg/m ³) | 10 mg/m ³ |
| Saskatchewan | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Dipropylene glycol monomethyl ether (34590-94-8) | | |
| Mexico | OEL TWA (mg/m ³) | 60 mg/m ³ |
| Mexico | OEL TWA (ppm) | 100 ppm |
| Mexico | OEL STEL (mg/m ³) | 900 mg/m ³ |
| Mexico | OEL STEL (ppm) | 150 ppm |
| USA ACGIH | ACGIH TWA (ppm) | 100 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 150 ppm |
| USA ACGIH | ACGIH chemical category | Skin - potential significant contribution to overall exposure by the cutaneous route |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 600 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |
| USA OSHA | Limit value category (OSHA) | prevent or reduce skin absorption |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 600 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 100 ppm |
| USA NIOSH | NIOSH REL (STEL) (mg/m ³) | 900 mg/m ³ |
| USA NIOSH | NIOSH REL (STEL) (ppm) | 150 ppm |

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| | | |
|------------------------------------|------------------------------------|-----------------------------|
| USA IDLH | US IDLH (ppm) | 600 ppm |
| Alberta | OEL STEL (mg/m³) | 909 mg/m³ |
| Alberta | OEL STEL (ppm) | 150 ppm |
| Alberta | OEL TWA (mg/m³) | 606 mg/m³ |
| Alberta | OEL TWA (ppm) | 100 ppm |
| British Columbia | OEL STEL (ppm) | 150 ppm |
| British Columbia | OEL TWA (ppm) | 100 ppm |
| Manitoba | OEL STEL (ppm) | 150 ppm |
| Manitoba | OEL TWA (ppm) | 100 ppm |
| New Brunswick | OEL STEL (mg/m³) | 909 mg/m³ |
| New Brunswick | OEL STEL (ppm) | 150 ppm |
| New Brunswick | OEL TWA (mg/m³) | 606 mg/m³ |
| New Brunswick | OEL TWA (ppm) | 100 ppm |
| Newfoundland & Labrador | OEL STEL (ppm) | 150 ppm |
| Newfoundland & Labrador | OEL TWA (ppm) | 100 ppm |
| Nova Scotia | OEL STEL (ppm) | 150 ppm |
| Nova Scotia | OEL TWA (ppm) | 100 ppm |
| Nunavut | OEL STEL (mg/m³) | 909 mg/m³ |
| Nunavut | OEL STEL (ppm) | 150 ppm |
| Nunavut | OEL TWA (mg/m³) | 606 mg/m³ |
| Nunavut | OEL TWA (ppm) | 100 ppm |
| Northwest Territories | OEL STEL (ppm) | 150 ppm |
| Northwest Territories | OEL TWA (ppm) | 100 ppm |
| Ontario | OEL STEL (ppm) | 150 ppm |
| Ontario | OEL TWA (ppm) | 100 ppm |
| Prince Edward Island | OEL STEL (ppm) | 150 ppm |
| Prince Edward Island | OEL TWA (ppm) | 100 ppm |
| Québec | VECD (mg/m³) | 909 mg/m³ |
| Québec | VECD (ppm) | 150 ppm |
| Québec | VEMP (mg/m³) | 606 mg/m³ |
| Québec | VEMP (ppm) | 100 ppm |
| Saskatchewan | OEL STEL (ppm) | 150 ppm |
| Saskatchewan | OEL TWA (ppm) | 100 ppm |

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. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. 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 and fire/flame resistant/retardant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of inadequate ventilation wear respiratory protection.

Environmental Exposure Controls: Avoid release to the environment.

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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | |
|---|---|
| Physical State | : Liquid |
| Appearance | : Lite brown |
| Odor | : Slight Solvent Odor |
| Odor Threshold | : Not available |
| pH | : Not available |
| Evaporation Rate | : > 1 (Slower than ether) |
| Melting Point | : Not available |
| Freezing Point | : Not available |
| Boiling Point | : 152 °C (305.6 °F) |
| Flash Point | : 46.7 °C (116.06 °F) |
| Auto-ignition Temperature | : > 176.67 °C (> 350 °F) |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not available |
| Lower Flammable Limit | : Not available |
| Upper Flammable Limit | : Not available |
| Vapor Pressure | : Not available |
| Relative Vapor Density at 20 °C | : Not available |
| Relative Density | : Not available |
| Specific Gravity | : 0.93 |
| Solubility | : Not available |
| Partition Coefficient: N-Octanol/Water | : Not available |
| Viscosity | : 1000 cP |
| Explosive Properties | : Risk of explosion if heated under confinement |
| Explosion Data – Sensitivity to Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact. |
| Explosion Data – Sensitivity to Static Discharge | : Static discharge could act as an ignition source. |

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

Chemical Stability: Flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

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

Hazardous Decomposition Products: Thermal decomposition generates : Carbon oxides (CO, CO₂). Hydrocarbons. Nitrogen oxides. Nitrosamine. Metal oxides. Oxides of titanium. Oxides of iron. Fluorinated hydrocarbons. Fluorine compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

ID50 and IC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

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

Germ Cell Mutagenicity: May cause genetic defects.

Teratogenicity: May cause birth defects

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

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Aspiration Hazard: Not classified

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: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Information on Toxicological Effects - Ingredient(s)

ID50 and IC50 Data:

| | |
|--|---|
| Stoddard solvent (8052-41-3) | |
| ID50 Oral Rat | > 5 g/kg Behavioral somnolence |
| ID50 Dermal Rabbit | > 3 mg/kg |
| IC50 Inhalation Rat | > 5500 mg/l/4h Behavioral somnolence |
| Iron oxide (Fe2O3) (1309-37-1) | |
| ID50 Oral Rat | > 10000 mg/kg |
| Titanium dioxide (13463-67-7) | |
| ID50 Oral Rat | > 10000 mg/kg |
| 2-Butanone, oxime (96-29-7) | |
| ID50 Oral Rat | 930 mg/kg |
| ID50 Dermal Rabbit | > 1000 mg/kg |
| IC50 Inhalation Rat | > 4800 mg/m ³ (Exposure time: 4 h) |
| Fatty acids, C6-19-branched, cobalt(2+) salts (68409-81-4) | |
| ATE US (oral) | 500.00 mg/kg body weight |
| Diuron (330-54-1) | |
| ID50 Oral Rat | 4990 mg/kg |
| ID50 Dermal Rat | > 2000 mg/kg |
| IC50 Inhalation Rat | > 0.265 mg/l |
| Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester (10605-21-7) | |
| ID50 Oral Rat | > 5050 mg/kg |
| ID50 Dermal Rabbit | > 2000 |
| IC50 Inhalation Rat | > 5 mg/l/4h |
| Dipropylene glycol monomethyl ether (34590-94-8) | |
| ID50 Oral Rat | 5400 µl/kg |
| ID50 Dermal Rabbit | 9500 mg/kg |
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) | |
| ID50 Oral Rat | 1470 mg/kg |
| ATE US (dust, mist) | 0.50 mg/l/4h |
| Iron oxide (Fe2O3) (1309-37-1) | |
| IARC Group | 3 |
| Titanium dioxide (13463-67-7) | |
| IARC Group | 2B |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. |

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

| | |
|------------------------------------|--|
| 2-Butanone, oxime (96-29-7) | |
| IC50 Fish 1 | 777 - 914 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 750 mg/l (Exposure time: 48 h - Species: Daphnia magna) |

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| | |
|--|--|
| LC 50 Fish 2 | 760 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static]) |
| ErC50 (algae) | 16 mg/l |
| NOEC chronic algae | 2.6 mg/l |
| Diuron (330-54-1) | |
| LC50 Fish 1 | 13.4 - 15 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 1.4 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC 50 Fish 2 | 13.4 - 15 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 2 | 6.3 - 13 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| ErC50 (algae) | 0.013 mg/l |
| NOEC chronic fish | 0.79 mg/l |
| NOEC chronic crustacea | 0.56 mg/l |
| NOEC chronic algae | 0.0032 mg/l (Species: Scenedesmus subspicatus) |
| Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester (10605-21-7) | |
| LC50 Fish 1 | 0.01 mg/l |
| EC50 Daphnia 1 | 0.11 mg/l (Exposure Time: 48 h - Species: Daphnia magna) |
| ErC50 (algae) | 0.34 mg/l |
| NOEC chronic crustacea | 0.0031 mg/l |
| Dipropylene glycol monomethyl ether (34590-94-8) | |
| LC50 Fish 1 | > 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 1919 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) | |
| LC50 Fish 1 | 0.14 - 0.32 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through]) |
| LC 50 Fish 2 | 0.049 - 0.079 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |

Persistence and Degradability

| | |
|---|---|
| Tropical Teak Oil Sealer | |
| Persistence and Degradability | May cause long-term adverse effects in the environment. |
| Dipropylene glycol monomethyl ether (34590-94-8) | |
| Persistence and Degradability | Readily biodegradable. |

Bioaccumulative Potential

| | |
|---|--|
| Tropical Teak Oil Sealer | |
| Bioaccumulative Potential | Not established. |
| Stoddard solvent (8052-41-3) | |
| Log Pow | 3.16 (Octanol/water partition coefficient 3.16/7.06) |
| 2-Butanone, oxime (96-29-7) | |
| BCF Fish 1 | 0.5 - 5.8 |
| Log Pow | 0.65 (at 25 °C) |
| Diuron (330-54-1) | |
| Log Pow | 2.82 (at 20 °C) |
| Dipropylene glycol monomethyl ether (34590-94-8) | |
| Log Pow | -0.064 (at 20 °C) |
| Bioaccumulative Potential | Not expected to bioaccumulate. |

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

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

Additional Information: Handle empty containers with care because residual vapors are flammable.

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

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SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG/IMDG

UN Number

UN-No.(DOT) : UN1268
DOT NA no. : UN1268
UN-No. (TDG) : UN1268
UN-No. (IMDG) : UN1268
UN-No. (IATA) : UN1268

UN Proper Shipping Name

Proper Shipping Name (DOT) : PETROLEUM DISTILLATES, N.O.S. (Stoddard Solvent), 3, III, Marine Pollutant

Proper Shipping Name (TDG) : PETROLEUM DISTILLATES, N.O.S. (Stoddard Solvent), 3, III, Marine Pollutant

Proper Shipping Name (IATA) : PETROLEUM DISTILLATES, N.O.S. (Stoddard Solvent), 3, III, Marine Pollutant

Proper Shipping Name (IMDG) : PETROLEUM DISTILLATES, N.O.S. (Stoddard Solvent), 3, III, Marine Pollutant

Transport Document Description (DOT) : UN1268 PETROLEUM DISTILLATES, N.O.S. (STODDARD SOLVENT), 3, III, Marine Pollutant

Transport Document Description (TDG) : UN1268 PETROLEUM DISTILLATES, N.O.S. (STODDARD SOLVENT), 3, III, Marine Pollutant

Transport Hazard Class(es)

Department Of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard Labels (DOT) : 3 - Flammable liquid



Packing Group (DOT) : III - Minor Danger

DOT Special Provisions (49 CFR 172.102) : 144 - If transported as a residue in an underground storage tank (UST), as defined in 40 CFR 280.12, that has been cleaned and purged or rendered inert according to the American Petroleum Institute (API) Standard 1604 (IBR, see 171.7 of this subchapter), then the tank and this material are not subject to any other requirements of this subchapter. However, sediments remaining in the tank that meet the definition for a hazardous material are subject to the applicable regulations of this subchapter

B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672)

T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling

TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0

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DOT Packaging Exceptions (49 Cfr 173.xxx)

DOT Packaging Non Bulk (49 Cfr 173.xxx)

DOT Packaging Bulk (49 Cfr 173.xxx)

TDG Primary Hazard Classes

Hazard Labels (TDG)

kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP

: 150

: 203

: 242

: 3 - Class 3 - Flammable Liquids

: 3 - Flammable liquids



Packing Group (TDG)

TDG Special Provisions

: III - Minor Danger

: 91 - Despite paragraph 13.1.5(c) of CGSB-43.146, these dangerous goods may, after January 1, 2010, be handled, offered for transport or transported in a means of containment on a road vehicle, a railway vehicle or a ship on a domestic voyage if the means of containment was manufactured before January 1, 2003 and the following information is set out on a metal label in a holder that is welded to the tank head or to another readily visible location on the tank: (a) the name of the tank's manufacturer; (b) the metal thickness of the tank in millimetres; (c) the capacity of the tank in litres; (d) the year that the tank was manufactured; (e) the label of the Underwriters' Laboratories of Canada (ULC); (f) the words "Mobile Refuelling Tank - ULC/ORD-C142.13"; (g) the words "Not Authorized for Transport of Dangerous Goods Requiring a Specification Tank"; (h) in the case of a tank designed for mounting on a truck or trailer platform, the words "This Tank Shall Be Secured to the Truck or Trailer Platform by the Means Provided By the Tank Manufacturer"; and (i) in the case of a skid-equipped tank that provides clearances of at least 300 mm to grade, the words "Suitable for Towing over Graded Surfaces Only". SOR/2014-152 UN1202, UN1203, UN1223 and UN1863 SOR/2014-152 92 - (1) The consignor must classify these dangerous goods on the basis of samples. (2) The consignor must make available to the Minister, on reasonable notice given by the Minister, a document that explains the sampling method and includes the following information: (a) the scope of the method; (b) the sampling apparatus; (c) the sampling procedures; (d) the frequency and conditions of sampling; and (e) a description of the quality control management system in place. Many methods are available for the sampling of petroleum products. An example can be found in American Society for Testing and Materials Standard ASTM D4057-12, "Standard Practice for Manual Sampling of Petroleum and Petroleum Products". The frequency and conditions of sampling should allow for the variability of the dangerous goods to ensure representativeness. The classification assigned to the dangerous goods should reflect the properties of the dangerous goods during transport. SOR/2014-152 UN1267, UN1268 SOR/2014-152

150 - An emergency response assistance plan (ERAP) is required for these dangerous goods under subsection 7.1(6) of Part 7 (Emergency Response Assistance Plan). SOR/2015-100 UN1170, UN1202, UN1203, UN1267, UN1268, UN1863, UN1987, UN1993, UN3295, UN3475, UN3494 SOR/2015-100

Explosive Limit And Limited Quantity Index

: 5 L

Marine Pollutant

: Yes

Passenger Carrying Road Vehicle Or Passenger

: 60 L

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Carrying Railway Vehicle Index

Class (IMDG) : 3 - Flammable liquids
Danger Labels (IMDG) : 3 - Flammable liquids



Packing Group (IMDG) : III
Class (IATA) : 3 - Flammable Liquids
Hazard Labels (IATA) : 3 - Flammable Liquids



Packing Group (IATA) : III - Minor Danger
Marine Pollutant : Yes

Additional Information

Emergency Response Guide (ERG) Number : 128
Other Information : This product meets the limited quantities exemption as follows: DOT: Not regulated as dangerous goods when shipped in inner packagings equal to or less than 5L. Otherwise, the above descriptions apply.
Exemptions : This product, when in compliance with IMDG Code 37-14, section 2.10.2.7, is not subject to any other provisions of the IMDG code relevant to marine pollutants. For inclusion in another hazard class all provisions of the IMDG code relevant to any additional hazards continue to apply.

Transport by sea

Dot Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel
Limited Quantities (IMDG) : 5L
Special Provisions (IMDG) : 223,363,955
Excepted Quantities (IMDG) : E1
IBC Packing Instructions (IMDG) : IBC03
Packing Instructions (IMDG) : P001,LP01
Tank Instructions (IMDG) : T4
Tank Special Provisions (IMDG) : TP1,TP29
Stowage Category (IMDG) : A
EMS-NO. (Fire) : F-E
EMS-NO. (Spillage) : S-E

Air transport

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27) : 60 L
DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75) : 220 L
CAO Packing Instructions (IATA) : 366
CAO Max Net Quantity (IATA) : 220L
PCA Packing Instructions (IATA) : 355
PCA Limited Quantities (IATA) : Y344
PCA Limited Quantity Max Net Quantity (IATA) : 10L
PCA Max Net Quantity (IATA) : 60L
PCA Excepted Quantities (IATA) : E1
CAO Max Net Quantity (IATA) : 220L
CAO Packing Instructions (IATA) : 366
Special Provision (IATA) : A3
Erg Code (IATA) : 3L

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SECTION 15: REGULATORY INFORMATION

US Federal Regulations

| | |
|--|--|
| Tropical Teak Oil Sealer | |
| SARA Section 311/312 Hazard Classes | Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard |
| Stoddard solvent (8052-41-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Iron oxide (Fe₂O₃) (1309-37-1) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Titanium dioxide (13463-67-7) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard |
| 2-Butanone, oxime (96-29-7) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |
| Zirconium ethyl hexoate (22464-99-9) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Fatty acids, C6-19-branched, cobalt(2+) salts (68409-81-4) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Diuron (330-54-1) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard |
| SARA Section 313 - Emission Reporting | 1.0 % |
| Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester (10605-21-7) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard |
| Dipropylene glycol monomethyl ether (34590-94-8) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
| SARA Section 313 - Emission Reporting | 1.0 % |

US State Regulations

| | |
|--|--|
| Titanium dioxide (13463-67-7) | |
| U.S. - California - Proposition 65 - Carcinogens List | WARNING: This product contains chemicals known to the State of California to cause cancer. |
| Diuron (330-54-1) | |
| U.S. - California - Proposition 65 - Carcinogens List | WARNING: This product contains chemicals known to the State of California to cause cancer. |
| Stoddard solvent (8052-41-3) | |
| U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min) U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr) U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations | |

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U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Chemicals of High Concern
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - TWAs
U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

Iron oxide (Fe2O3) (1309-37-1)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - TWAs
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

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Titanium dioxide (13463-67-7)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Idaho - Occupational Exposure Limits - TWAs
U.S. - Illinois - Toxic Air Contaminant Carcinogens
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Chemicals of High Concern
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - TWAs
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs

2-Butanone, oxime (96-29-7)

U.S. - Minnesota - Hazardous Substance List
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Zirconium ethyl hexoate (22464-99-9)

U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Diuron (330-54-1)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Louisiana - Reportable Quantity List for Pollutants
U.S. - Massachusetts - Groundwater Protection List (333 CMR12.00)
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Michigan - Polluting Materials List
U.S. - Minnesota - Chemicals of High Concern
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances

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U.S. - New Jersey - Environmental Hazardous Substances List
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs

Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester (10605-21-7)

U.S. - Colorado - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Louisiana - Reportable Quantity List for Pollutants
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Polluting Materials List
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - North Dakota - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
U.S. - Vermont - Hazardous Waste - Hazardous Constituents
U.S. - Washington - Dangerous Waste - Dangerous Waste Constituents List
U.S. - Washington - Dangerous Waste - Discarded Chemical Products List

Dipropylene glycol monomethyl ether (34590-94-8)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - Skin Designations
U.S. - Michigan - Occupational Exposure Limits - STELs
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - Skin Designations
U.S. - Minnesota - Permissible Exposure Limits - STELs
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Occupational Exposure Limits - Skin Designations
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - Skin Designations
U.S. - Oregon - Permissible Exposure Limits - TWAs
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - Skin Designations
U.S. - Tennessee - Occupational Exposure Limits - STELs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

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U.S. - Vermont - Permissible Exposure Limits - Skin Designations
U.S. - Vermont - Permissible Exposure Limits - STELs
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - Skin Designations
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs

3-Iodo-2-propynyl butylcarbamate (55406-53-6)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Polluting Materials List
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
U.S. - New Jersey - Environmental Hazardous Substances List
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Hazardous Waste - Hazardous Constituents
U.S. - Washington - Dangerous Waste - Dangerous Waste Constituents List

Canadian Regulations

Tropical Teak Oil Sealer

| | |
|----------------------|--|
| WHMIS Classification | Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|--|



Stoddard solvent (8052-41-3)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

| | |
|----------------------|--|
| WHMIS Classification | Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|--|

Iron oxide (Fe₂O₃) (1309-37-1)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

| | |
|----------------------|---|
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
|----------------------|---|

Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

| | |
|----------------------|---|
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
|----------------------|---|

2-Butanone, oxime (96-29-7)

Listed on the Canadian DSL (Domestic Substances List)

| | |
|----------------------|--|
| WHMIS Classification | Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|--|

Zirconium ethyl hexoate (22464-99-9)

Listed on the Canadian DSL (Domestic Substances List)

| | |
|----------------------|--|
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
|----------------------|--|

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| | |
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| Fatty acids, C6-19-branched, cobalt(2+) salts (68409-81-4) | |
| Listed on the Canadian NDSL (Non-Domestic Substances List) | |
| WHMIS Classification | Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Diuron (330-54-1) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
| Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester (10605-21-7) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
| Dipropylene glycol monomethyl ether (34590-94-8) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| Listed on the Canadian IDL (Ingredient Disclosure List) | |
| IDL Concentration 1 % | |
| WHMIS Classification | Class B Division 3 - Combustible Liquid |
| 3-Iodo-2-propynyl butylcarbamate (55406-53-6) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class E - Corrosive Material |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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

Revision Date : 03/11/2016
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

| | |
|-------------------------------------|--|
| Acute Tox. 3 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) 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 Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| 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 |
| Comb. Dust | Combustible Dust |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| Flam. Liq. 4 | Flammable liquids Category 4 |
| Muta. 1B | Germ cell mutagenicity Category 1B |
| Repr. 1B | Reproductive toxicity Category 1B |
| Repr. 2 | Reproductive toxicity Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization Category 1 |

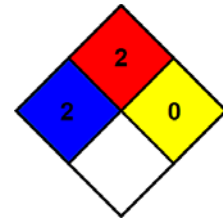
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| | |
|------------|---|
| STOT RE 1 | Specific target organ toxicity (repeated exposure) Category 1 |
| STOT RE 2 | Specific target organ toxicity (repeated exposure) Category 2 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H226 | Flammable liquid and vapor |
| H227 | Combustible liquid |
| Comb. Dust | May form combustible dust concentrations in air |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H331 | Toxic if inhaled |
| H335 | May cause respiratory irritation |
| H340 | May cause genetic defects |
| H350 | May cause cancer |
| H351 | Suspected of causing cancer |
| H360 | May damage fertility or the unborn child |
| H361 | Suspected of damaging fertility or the unborn child |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful 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 |

- NFPA Health Hazard** : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- NFPA Fire Hazard** : 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
- NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Party Responsible for the Preparation of This Document

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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.

NA GHS SDS