

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

SECTION 1: IDENTIFICATION

<u>Product Identifier</u> <u>Product Form: Mixture</u>

Product Name: Tropical Teak Oil Sealer - Classic Dark

Product Code: 880XX

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. 2 H361 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.

H361 - Suspected of damaging 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, territorial, provincial, and international regulations.

P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool

Other Hazards



Aquatic Acute 2 H401

Aquatic Chronic 2 H411

H401 - Toxic to aquatic life.

H411 - 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	55 - 65	Flam. Liq. 3, H226
			Muta. 1B, H340
			Carc. 1B, H350
			STOT RE 1, H372
			Asp. Tox. 1, H304
2-Butanone, oxime	(CAS No) 96-29-7	0.1 - 1	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 - 1	Repr. 2, H361
Diuron	(CAS No) 330-54-1	0.12	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	Flam. Liq. 4, H227

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Carbamic acid, 1H-benzimidazol-2-yl-,	(CAS No) 10605-21-7	< 0.1	Muta. 1B, H340
methyl ester			Repr. 1B, H360
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
3-lodo-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]. A range of concentration as prescribed by the 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. Suspected of damaging 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. Suspected of damaging fertility or the unborn child. Causes damage to organs (central nervous system) 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.

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.

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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.

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 locked up.

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

Specific End Use(s)

Wood maintenance

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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

governments, or the Mexican government		
Stoddard solvent (8052-41-3		
Mexico	OEL TWA (mg/m³)	523 mg/m³
Mexico	OEL TWA (ppm)	100 ppm
Mexico	OEL STEL (mg/m³)	1050 mg/m³
Mexico	OEL STEL (ppm)	200 ppm
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	2900 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	500 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m³)	350 mg/m³
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	1800 mg/m³
USA IDLH	US IDLH (mg/m³)	20000 mg/m³
Alberta	OEL TWA (mg/m³)	572 mg/m³
Alberta	OEL TWA (ppm)	100 ppm
British Columbia	OEL STEL (mg/m³)	580 mg/m³
British Columbia	OEL TWA (mg/m³)	290 mg/m³
Manitoba	OEL TWA (ppm)	100 ppm
New Brunswick	OEL TWA (mg/m³)	525 mg/m³
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/m³)	720 mg/m ³
Nunavut	OEL STEL (ppm)	125 ppm
Nunavut	OEL TWA (mg/m³)	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/m³)	525 mg/m³ (140°C Flash aliphatic solvent)
Prince Edward Island	OEL TWA (ppm)	100 ppm
Québec	VEMP (mg/m³)	525 mg/m³
Québec	VEMP (ppm)	100 ppm
Saskatchewan	OEL STEL (ppm)	125 ppm
Saskatchewan	OEL TWA (ppm)	100 ppm
Yukon	OEL STEL (mg/m³)	720 mg/m³
Yukon	OEL STEL (ppm)	150 ppm
Yukon	OEL TWA (mg/m³)	575 mg/m³
Yukon	OEL TWA (ppm)	100 ppm
Diuron (330-54-1)		
Mexico	OEL TWA (mg/m³)	10 mg/m ³
USA ACGIH	ACGIH TWA (mg/m³)	10 mg/m ³
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL (TWA) (mg/m³)	10 mg/m ³
Alberta	OEL TWA (mg/m³)	10 mg/m ³
British Columbia	OEL TWA (mg/m³)	10 mg/m ³
Manitoba	OEL TWA (mg/m³)	10 mg/m ³
New Brunswick	OEL TWA (mg/m³)	10 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m³)	10 mg/m³

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Nova Scotia	OEL TWA (mg/m³)	10 mg/m ³
Nunavut	OEL STEL (mg/m³)	20 mg/m ³
Nunavut	OEL TWA (mg/m³)	10 mg/m ³
Northwest Territories	OEL STEL (mg/m³)	20 mg/m³
Northwest Territories	OEL TWA (mg/m³)	10 mg/m³
Ontario	OEL TWA (mg/m³)	10 mg/m³
Prince Edward Island	OEL TWA (mg/m³)	10 mg/m ³
Québec	VEMP (mg/m³)	10 mg/m³
Saskatchewan	OEL STEL (mg/m³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m³)	10 mg/m³
Dipropylene glycol monome	thyl ether (34590-94-8)	
Mexico	OEL TWA (mg/m³)	60 mg/m ³
Mexico	OEL TWA (ppm)	100 ppm
Mexico	OEL STEL (mg/m³)	900 mg/m³
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/m³)	600 mg/m³
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/m³)	600 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m³)	900 mg/m³
USA NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
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
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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 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State : Liquid

Appearance: Reddish BrownOdor: Slight Solvent Odor

Odor Threshold : Not available pH : Not available

Evaporation Rate : < 1 (Slower than ether)

Melting Point: Not availableFreezing Point: Not availableBoiling 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 availableFlammability (solid, gas): Not availableLower Flammable Limit: Not availableUpper Flammable Limit: Not availableVapor Pressure: Not availableRelative Vapor Density at 20 °C: Not availableRelative Density: Not available

Specific Gravity : 0.93

Solubility: Not availablePartition Coefficient: N-Octanol/Water: Not availableViscosity: 1000 cP

Explosive Properties : Risk of explosion if heated under confinement

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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.

<u>Possibility of Hazardous Reactions</u>: 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. Fluorinated hydrocarbons. Fluorine compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified LD50 and LC50 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: Not classified **Carcinogenicity:** May cause cancer.

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

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

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. Suspected of damaging fertility or the unborn child. Causes

damage to organs (central nervous system) through prolonged or repeated exposure.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Stoddard solvent (8052-41-3)		
LD50 Oral Rat	> 5 g/kg Behavioral somnolence	
LD50 Dermal Rabbit	> 3 mg/kg	
LC50 Inhalation Rat	> 5500 mg/l/4h Behavioral somnolence	
Diuron (330-54-1)		
LD50 Oral Rat	4990 mg/kg	
LD50 Dermal Rat	> 2000 mg/kg	
LC50 Inhalation Rat	> 0.265 mg/l	
Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester (10605-21-7)		
LD50 Oral Rat	> 5050 mg/kg	
LD50 Dermal Rabbit	> 2000	
LC50 Inhalation Rat	> 5 mg/l/4h	
Dipropylene glycol monomethyl ether (34590-94-8)		
LD50 Oral Rat	5400 μl/kg	
LD50 Dermal Rabbit	9500 mg/kg	

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3-lodo-2-propynyl butylcarbamate (55406-53-6)		
LD50 Oral Rat	1470 mg/kg	
ATE US (dust, mist)	0.50 mg/l/4h	
2-Butanone, oxime (96-29-7)		
LD50 Oral Rat	930 mg/kg	
LD50 Dermal Rabbit	> 1000 mg/kg	
LC50 Inhalation Rat	> 4800 mg/m³ (Exposure time: 4 h)	

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

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-, n	nethyl 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-lodo-2-propynyl butylcarbamate (554	06-53-6)	
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])	
2-Butanone, oxime (96-29-7)		
LC50 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)	
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	

Persistence and Degradability

Tropical Teak Oil Sealer – Classic Dark		
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 – Classic Dark		
Tropical Teak Oil Sealer - Classic Dark		
Bioaccumulative Potential	Not established.	
Stoddard solvent (8052-41-3)		
Log Pow	g Pow 3.16 (Octanol/water partition coefficient 3.16/7.06)	
Diuron (330-54-1)		
Log Pow	2.82 (at 20 °C)	

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Dipropylene glycol monomethyl ether (34590-94-8)		
Log Pow	-0.064 (at 20 °C)	
Bioaccumulative Potential	Not expected to bioaccumulate.	
2-Butanone, oxime (96-29-7)		
BCF Fish 1 0.5 - 5.8		
Log Pow	0.65 (at 25 °C)	

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.

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



: III - Minor Danger

Packing Group (DOT)

DOT Special Provisions (49 CFR 172.102) : 144 - If tra

: 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

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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

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

Hazard Labels (TDG)

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

: 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

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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

: 5 L

Explosive Limit And Limited Quantity Index

Marine Pollutant : Yes
Passenger Carrying Road Vehicle Or Passenger : 60 L

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): E1IBC Packing Instructions (IMDG): IBC03Packing Instructions (IMDG): P001,LP01Tank Instructions (IMDG): T4

Tank Special Provisions (IMDG) : TP1,TP29

Stowage Category (IMDG) : A

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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 : 355 **PCA Packing Instructions (IATA) PCA Limited Quantities (IATA)** : Y344 : 10L **PCA Limited Quantity Max Net Quantity (IATA) PCA Max Net Quantity (IATA)** : 60L : E1 **PCA Excepted Quantities (IATA) CAO Max Net Quantity (IATA)** : 220L **CAO Packing Instructions (IATA)** : 366 **Special Provision (IATA)** : A3 : 3L Erg Code (IATA)

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Tropical Teak Oil Sealer – Classic Dark		
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 Ac	t) inventory	
Diuron (330-54-1)		
Listed on the United States TSCA (Toxic Substances Control Ac	t) inventory	
Subject to reporting requirements of United States SARA Secti	on 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 (10605-2	1-7)	
Listed on the United States TSCA (Toxic Substances Control Ac	t) 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-lodo-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 Secti	on 313	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	
SARA Section 313 - Emission Reporting	1.0 %	
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 Ac	t) inventory	

US State Regulations

Diuron (330-54-1)	
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of

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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
- 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

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-lodo-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

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

Canadian Regulations

Tropical	Teak O	il Sealer –	Classic Dark
I I Opicai	I Can O	Jealei	Classic Dai K

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

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 %

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WHMIS Classification	Class B Division 3 - Combustible Liquid			
3-lodo-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			
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			

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 toxicity (dermal) Category 4
Acute toxicity (oral) Category 4
Hazardous to the aquatic environment - Acute Hazard Category 1
Hazardous to the aquatic environment - Acute Hazard Category 2
Hazardous to the aquatic environment - Acute Hazard Category 3
Hazardous to the aquatic environment - Chronic Hazard Category 1
Hazardous to the aquatic environment - Chronic Hazard Category 2
Hazardous to the aquatic environment - Chronic Hazard Category 3
Aspiration hazard Category 1
Carcinogenicity Category 1B
Carcinogenicity Category 2
Serious eye damage/eye irritation Category 1
Flammable liquids Category 3
Flammable liquids Category 4
Germ cell mutagenicity Category 1B
Reproductive toxicity Category 1B
Reproductive toxicity Category 2
Skin sensitization Category 1
Specific target organ toxicity (repeated exposure) Category 1
Specific target organ toxicity (repeated exposure) Category 2
Specific target organ toxicity (single exposure) Category 3
Flammable liquid and vapor
Combustible liquid
Harmful if swallowed
May be fatal if swallowed and enters airways
Harmful in contact with skin

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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.

: 0 - Normally stable, even under fire exposure conditions, **NFPA Reactivity**

and are not reactive with water.

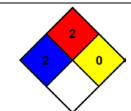


Phone Number: (954)587-6280

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

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