

SECTION 1: IDENTIFICATION
Product Identifier
Product Form: Mixture

Product Name: Wax-Off™

Product Code: WF1000, WF1030

Intended Use of the Product

Histology Accessory Product

Name, Address, and Telephone of the Responsible Party
Company

Cancer Diagnostics, Inc.

116 Page Point Circle

Durham, NC 27703

877-846-5393

Fax 877-817-1716

www.cancerdiagnostics.com

Emergency Telephone Number
Emergency Number : CHEMTREC 800-424-9300 (USA & Canada)

Infotrac 352-323-3500 (International)

SECTION 2: HAZARDS IDENTIFICATION
Classification of the Substance or Mixture
GHS-US/CA Classification

Skin Irritation 2 H315

Skin Sensitizer 1 H317

Mutagenicity 1B H340

Carcinogenicity 1B H350

Reproductive Toxicity 2 H361

Specific Target Organ Toxicity Single Exposure 3 H336

Aspiration Toxicity 1 H304

Aquatic Acute 3 H402

Aquatic Chronic 2 H411

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

Label Elements
GHS-US/CA Labeling
Hazard Pictograms (GHS-US/CA)

Signal Word (GHS-US/CA)

: Danger

Hazard Statements (GHS-US/CA)

 : H304 - May be fatal if swallowed and enters airways.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H336 - May cause drowsiness or dizziness.
 H340 - May cause genetic defects.
 H350 - May cause cancer.
 H361 - Suspected of damaging fertility or the unborn child.
 H402 - Harmful to aquatic life.
 H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA) : P201 - Obtain special instructions before use.

Polyshield

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor if you feel unwell.
P321 - Specific treatment (see section 4 on this SDS).
P331 - Do NOT induce vomiting.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other Hazards

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

Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
White mineral oil, petroleum	(CAS-No.) 8042-47-5	51	Aspiration Toxicity 1, H304
Naphtha, petroleum, hydrotreated heavy	(CAS-No.) 64742-48-9	47	Flammable Liquid 3, H226 Skin Irritation 2, H315 Mutagenicity 1B, H340 Carcinogenicity 1B, H350 Reproductive Toxicity 2, H361 Specific Target Organ Toxicity Single Exposure 3, H336 Aspiration Toxicity 1, H304 Aquatic Chronic 2, H411
Benzyl benzoate	(CAS-No.) 120-51-4	0.4 - 1	Acute Toxicity 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Oils, peppermint	(CAS-No.) 8006-90-4	0.1 - 0.2	Flammable Liquid 4, H227 Skin Irritation 2, H315 Eye Irritation 2A, H319 Skin Sensitizer 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Carvone	(CAS-No.) 99-49-0	0.02 - 0.1	Acute Toxicity 4 (Oral), H302 Skin Sensitizer 1, H317
Lemon oil	(CAS-No.) 8008-56-8	0.02 - 0.1	Flammable Liquid 3, H226 Skin Irritation 2, H315 Skin Sensitizer 1, H317 Aspiration Toxicity 1, H304

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			Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Camphor	(CAS-No.) 76-22-2	< 0.02	Flammable Solid 2, H228 Acute Toxicity 4 (Oral), H302 Acute Toxicity 4 (Inhalation:dust,mist), H332 Specific Target Organ Toxicity Single Exposure 2, H371
Diphenyl oxide	(CAS-No.) 101-84-8	< 0.02	Eye Irritation 2A, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

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: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes skin irritation. May cause drowsiness and dizziness. Skin sensitization. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May be fatal if swallowed and enters airways.

Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Eye Contact: May cause slight irritation to eyes.

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

Chronic Symptoms: May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child.

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: Water spray, dry chemical, foam, carbon dioxide.

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

Special Hazards Arising From the Substance or Mixture

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

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

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

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

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

Hazardous Combustion Products: Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic 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.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. 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 Materials for Containment and Cleaning Up

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

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

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

SECTION 7: HANDLING AND STORAGE**Precautions for Safe Handling**

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. Do not breathe vapors, mist, spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing.

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.

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

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

Specific End Use(s)

Histology Accessory Product

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), or Canadian provincial governments.

White mineral oil, petroleum (8042-47-5)		
USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³ (mist)
Camphor (76-22-2)		
USA ACGIH	ACGIH TWA (ppm)	2 ppm (synthetic)
USA ACGIH	ACGIH STEL (ppm)	3 ppm (synthetic)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen synthetic
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	2 mg/m ³ (synthetic)
USA IDLH	US IDLH (mg/m ³)	200 mg/m ³ (synthetic)
Alberta	OEL STEL (mg/m ³)	19 mg/m ³ (synthetic)
Alberta	OEL STEL (ppm)	3 ppm (synthetic)
Alberta	OEL TWA (mg/m ³)	12 mg/m ³ (synthetic)

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Alberta	OEL TWA (ppm)	2 ppm (synthetic)
British Columbia	OEL STEL (ppm)	3 ppm
British Columbia	OEL TWA (ppm)	2 ppm
Manitoba	OEL STEL (ppm)	3 ppm (synthetic)
Manitoba	OEL TWA (ppm)	2 ppm (synthetic)
New Brunswick	OEL STEL (mg/m ³)	19 mg/m ³
New Brunswick	OEL STEL (ppm)	3 ppm
New Brunswick	OEL TWA (mg/m ³)	12 mg/m ³
New Brunswick	OEL TWA (ppm)	2 ppm
Newfoundland & Labrador	OEL STEL (ppm)	3 ppm (synthetic)
Newfoundland & Labrador	OEL TWA (ppm)	2 ppm (synthetic)
Nova Scotia	OEL STEL (ppm)	3 ppm (synthetic)
Nova Scotia	OEL TWA (ppm)	2 ppm (synthetic)
Nunavut	OEL STEL (ppm)	3 ppm (synthetic)
Nunavut	OEL TWA (ppm)	2 ppm (synthetic)
Northwest Territories	OEL STEL (ppm)	3 ppm (synthetic)
Northwest Territories	OEL TWA (ppm)	2 ppm (synthetic)
Ontario	OEL STEL (ppm)	3 ppm (synthetic)
Ontario	OEL TWA (ppm)	2 ppm (synthetic)
Prince Edward Island	OEL STEL (ppm)	3 ppm (synthetic)
Prince Edward Island	OEL TWA (ppm)	2 ppm (synthetic)
Québec	VECD (mg/m ³)	19 mg/m ³ (synthetic)
Québec	VECD (ppm)	3 ppm (synthetic)
Québec	VEMP (mg/m ³)	12 mg/m ³ (synthetic)
Québec	VEMP (ppm)	2 ppm (synthetic)
Saskatchewan	OEL STEL (ppm)	3 ppm
Saskatchewan	OEL TWA (ppm)	2 ppm
Yukon	OEL STEL (mg/m ³)	18 mg/m ³ (synthetic)
Yukon	OEL STEL (ppm)	3 ppm (synthetic)
Yukon	OEL TWA (mg/m ³)	12 mg/m ³ (synthetic)
Yukon	OEL TWA (ppm)	2 ppm (synthetic)
Diphenyl oxide (101-84-8)		
USA ACGIH	ACGIH TWA (ppm)	1 ppm (vapor)
USA ACGIH	ACGIH STEL (ppm)	2 ppm (vapor)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	7 mg/m ³ (vapor)
USA OSHA	OSHA PEL (TWA) (ppm)	1 ppm (vapor)
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	7 mg/m ³ (vapor)
USA NIOSH	NIOSH REL (TWA) (ppm)	1 ppm (vapor)
USA IDLH	US IDLH (ppm)	100 ppm (vapor)
Alberta	OEL STEL (mg/m ³)	14 mg/m ³ (vapour)
Alberta	OEL STEL (ppm)	2 ppm (vapour)
Alberta	OEL TWA (mg/m ³)	7 mg/m ³ (vapour)
Alberta	OEL TWA (ppm)	1 ppm (vapour)
British Columbia	OEL STEL (ppm)	2 ppm (vapour)
British Columbia	OEL TWA (ppm)	1 ppm (vapour)
Manitoba	OEL STEL (ppm)	2 ppm (vapor)
Manitoba	OEL TWA (ppm)	1 ppm (vapor)
New Brunswick	OEL STEL (mg/m ³)	14 mg/m ³ (vapor)
New Brunswick	OEL STEL (ppm)	2 ppm (vapor)
New Brunswick	OEL TWA (mg/m ³)	7 mg/m ³ (vapor)
New Brunswick	OEL TWA (ppm)	1 ppm (vapor)

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Newfoundland & Labrador	OEL STEL (ppm)	2 ppm (vapor)
Newfoundland & Labrador	OEL TWA (ppm)	1 ppm (vapor)
Nova Scotia	OEL STEL (ppm)	2 ppm (vapor)
Nova Scotia	OEL TWA (ppm)	1 ppm (vapor)
Nunavut	OEL STEL (ppm)	2 ppm (vapour)
Nunavut	OEL TWA (ppm)	1 ppm (vapour)
Northwest Territories	OEL STEL (ppm)	2 ppm (vapour)
Northwest Territories	OEL TWA (ppm)	1 ppm (vapour)
Ontario	OEL STEL (ppm)	2 ppm (vapor)
Ontario	OEL TWA (ppm)	1 ppm (vapor)
Prince Edward Island	OEL STEL (ppm)	2 ppm (vapor)
Prince Edward Island	OEL TWA (ppm)	1 ppm (vapor)
Québec	VECD (mg/m ³)	14 mg/m ³ (vapour)
Québec	VECD (ppm)	2 ppm (vapour)
Québec	VEMP (mg/m ³)	7 mg/m ³ (vapour)
Québec	VEMP (ppm)	1 ppm (vapour)
Saskatchewan	OEL STEL (ppm)	2 ppm (vapour)
Saskatchewan	OEL TWA (ppm)	1 ppm (vapour)
Yukon	OEL STEL (mg/m ³)	14 mg/m ³ (vapour)
Yukon	OEL STEL (ppm)	2 ppm (vapour)
Yukon	OEL TWA (mg/m ³)	7 mg/m ³ (vapour)
Yukon	OEL TWA (ppm)	1 ppm (vapour)

Exposure Controls

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

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



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

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

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

- Physical State : Liquid
- Appearance : Clear
- Odor : Cucumber Odor
- Odor Threshold : Not available
- pH : Not available
- Evaporation Rate : Not available
- Melting Point : Not available
- Freezing Point : Not available
- Boiling Point : 354 °F (178.89 °C)
- Flash Point : 142 °C (287.6 °F)

Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not applicable
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	: 0.76
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

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

Hazardous Decomposition Products: None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Eye Damage/Irritation: Not classified

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

Germ Cell Mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

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

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.

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

Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

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

Chronic Symptoms: May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LD50 Oral Rat	> 6000 mg/kg
LD50 Dermal Rabbit	> 3160 mg/kg
LC50 Inhalation Rat	> 8500 mg/m ³ (Exposure time: 4 h)
White mineral oil, petroleum (8042-47-5)	
LD50 Oral Rat	> 5000 mg/kg

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Benzyl benzoate (120-51-4)	
LD50 Oral Rat	500 mg/kg
LD50 Dermal Rabbit	4000 mg/kg
Camphor (76-22-2)	
ATE US/CA (oral)	500.00 mg/kg body weight
ATE US/CA (dust, mist)	1.50 mg/l/4h
Carvone (99-49-0)	
LD50 Oral Rat	1640 mg/kg
Diphenyl oxide (101-84-8)	
LD50 Oral Rat	2450 mg/kg
LD50 Dermal Rabbit	> 7940 mg/kg
Oils, peppermint (8006-90-4)	
LD50 Oral Rat	2426 mg/kg
Lemon oil (8008-56-8)	
LD50 Oral Rat	2840 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LC50 Fish 1	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
White mineral oil, petroleum (8042-47-5)	
LC50 Fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
Benzyl benzoate (120-51-4)	
LC50 Fish 1	0.29 mg/l
EC50 Daphnia 1	4.8 mg/l
NOEC Chronic Fish	0.168 mg/l QSAR (Reliability: 2)
Diphenyl oxide (101-84-8)	
LC50 Fish 1	4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0.11 - 1.1 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	4 - 7.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

Persistence and Degradability

Polyshield	
Persistence and Degradability	May cause long-term adverse effects in the environment.

Bioaccumulative Potential

Polyshield	
Bioaccumulative Potential	Not established.
White mineral oil, petroleum (8042-47-5)	
Log Pow	> 6
Benzyl benzoate (120-51-4)	
Log Pow	3.97
Diphenyl oxide (101-84-8)	
BCF Fish 1	470
Log Pow	4.2

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

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

SECTION 14: TRANSPORT INFORMATION

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

In Accordance with DOT

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Naphtha, petroleum, hydrotreated heavy)
Hazard Class : 9
Identification Number : UN3082
Label Codes : 9
Packing Group : III
Marine Pollutant : Marine pollutant
ERG Number : 171



In Accordance with IMDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Naphtha, petroleum, hydrotreated heavy)
Hazard Class : 9
Identification Number : UN3082
Label Codes : 9
Packing Group : III
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Marine pollutant : Marine pollutant



In Accordance with IATA

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naphtha, petroleum, hydrotreated heavy)
Identification Number : 9
Hazard Class : UN3082
Label Codes : 9
Packing Group : III
ERG Code (IATA) : 9L



In Accordance with TDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Naphtha, petroleum, hydrotreated heavy)
Hazard Class : 9
Identification Number : UN3082
Label Codes : 9
Packing Group : III
Marine Pollutant (TDG) : Marine pollutant



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Polyshield	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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White mineral oil, petroleum (8042-47-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Benzyl benzoate (120-51-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Camphor (76-22-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Carvone (99-49-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Diphenyl oxide (101-84-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Oils, peppermint (8006-90-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Lemon oil (8008-56-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Naphtha, petroleum, hydrotreated heavy (64742-48-9)
U.S. - Maine - Chemicals of High Concern U.S. - Minnesota - Chemicals of High Concern U.S. - Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term
White mineral oil, petroleum (8042-47-5)
U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term
Benzyl benzoate (120-51-4)
U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term
Camphor (76-22-2)
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 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. - 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 Jersey - Water Quality - Ground Water Quality Criteria U.S. - New Jersey - Water Quality - Practical Quantitation Levels (PQLs) 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

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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

Diphenyl oxide (101-84-8)

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
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. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Michigan - Polluting Materials List
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
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 - 1-Hour
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

Canadian Regulations

Naphtha, petroleum, hydrotreated heavy (64742-48-9)

Listed on the Canadian DSL (Domestic Substances List)

White mineral oil, petroleum (8042-47-5)

Listed on the Canadian DSL (Domestic Substances List)

Benzyl benzoate (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

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Camphor (76-22-2)
Listed on the Canadian DSL (Domestic Substances List)
Carvone (99-49-0)
Listed on the Canadian DSL (Domestic Substances List)
Diphenyl oxide (101-84-8)
Listed on the Canadian DSL (Domestic Substances List)
Oils, peppermint (8006-90-4)
Listed on the Canadian DSL (Domestic Substances List)
Lemon oil (8008-56-8)
Listed on the Canadian DSL (Domestic Substances List)

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

Date of Preparation or Latest Revision : 08/13/2024

Revision

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

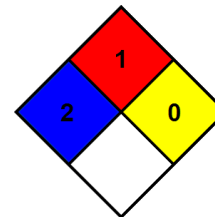
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic 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
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Flam. Sol. 2	Flammable solids Category 2
Muta. 1B	Germ cell mutagenicity Category 1B
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT SE 2	Specific target organ toxicity (single exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H227	Combustible liquid
H228	Flammable solid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H340	May cause genetic defects

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H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H371	May cause damage to organs
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 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA Fire Hazard** : 1 - Materials that must be preheated before ignition can occur.
- NFPA Reactivity Hazard** : 0 - Material that in themselves are normally stable, even under fire conditions.



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 2015 (Can, US)