



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product identifier</b>	<b>Form Oil</b>
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Release agent
<b>Recommended restrictions</b>	None known.
<b>Manufacturer information</b>	Irving Blending & Packaging PO Box 1169 Saint John, NB E2L 4E6 CA Phone: 1.800.574.5823 Emergency Phone: 1.506.648.3060
<b>Supplier</b>	See above.

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2B
	Carcinogenicity	Category 2
	Specific target organ toxicity, repeated exposure	Category 1
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>WHMIS 2015 defined hazards</b>	Not classified	
<b>Label elements</b>		



**Signal word** Danger

**Hazard statement** Combustible liquid. May be fatal if swallowed and enters airways. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.

**Precautionary statement**

**Prevention** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Avoid breathing mist or vapor.

**Response** In case of fire: Use appropriate media to extinguish.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Specific treatment (see information on this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.  
IF exposed or concerned: Get medical advice/attention.

**Storage** Store in a well-ventilated place. Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)** None known

**WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)** None known

**Hazard(s) not otherwise classified (HNOC)** None known.

### 3. Composition/Information on Ingredients

#### Mixture

Chemical name	Common name and synonyms	CAS number	%
Stoddard solvent		8052-41-3	27.3
Distillates (petroleum), light hydrotreated		64742-47-8	25
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy		64742-70-7	25
Benzene, 1,2,4-trimethyl-		95-63-6	1.3
Nonane		111-84-2	1.3
Benzene, ethyl-		100-41-4	0.13

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First Aid Measures

<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin contact</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
<b>Most important symptoms/effects, acute and delayed</b>	Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention.

### 5. Fire Fighting Measures

<b>Suitable extinguishing media</b>	Foam. Dry chemical powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Combustible.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon.

### 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
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**Methods and materials for containment and cleaning up**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop the flow of material, if this is without risk.

Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

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## 7. Handling and Storage

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**Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Do not breathe mist or vapor. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use personal protective equipment as required. Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

Store locked up. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials (see Section 10 of the SDS).

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## 8. Exposure Controls/Personal Protection

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**Occupational exposure limits****Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

Components	Type	Value	Form
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)	TWA	123 mg/m <sup>3</sup>	
		25 ppm	
Benzene, ethyl- (CAS 100-41-4)	STEL	543 mg/m <sup>3</sup>	
		125 ppm	
	TWA	434 mg/m <sup>3</sup>	
		100 ppm	
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	TWA	200 mg/m <sup>3</sup>	Vapor.
Nonane (CAS 111-84-2)	TWA	1050 mg/m <sup>3</sup>	
		200 ppm	
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.
Stoddard solvent (CAS 8052-41-3)	TWA	572 mg/m <sup>3</sup>	
		100 ppm	

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

Components	Type	Value	Form
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)	TWA	25 ppm	
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	TWA	200 mg/m <sup>3</sup>	Non-aerosol.
Nonane (CAS 111-84-2)	TWA	200 ppm	
Stoddard solvent (CAS 8052-41-3)	STEL	580 mg/m <sup>3</sup>	
	TWA	290 mg/m <sup>3</sup>	

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

Components	Type	Value	Form
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)	TWA	25 ppm	
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Nonane (CAS 111-84-2)	TWA	200 ppm	
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.
Stoddard solvent (CAS 8052-41-3)	TWA	100 ppm	

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

Components	Type	Value	
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)	TWA	25 ppm	
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Nonane (CAS 111-84-2)	TWA	200 ppm	
Stoddard solvent (CAS 8052-41-3)	TWA	100 ppm	

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

Components	Type	Value	Form
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)	TWA	123 mg/m3	
		25 ppm	
Benzene, ethyl- (CAS 100-41-4)	STEL	543 mg/m3	
		125 ppm	
		434 mg/m3	
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	TWA	100 ppm	
		1590 mg/m3	
Nonane (CAS 111-84-2)	TWA	400 ppm	
		1050 mg/m3	
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	200 ppm	
		10 mg/m3	Mist.
Stoddard solvent (CAS 8052-41-3)	TWA	5 mg/m3	Mist.
		525 mg/m3	
		100 ppm	

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value	Form
Benzene, ethyl- (CAS 100-41-4)	PEL	435 mg/m3	
		100 ppm	
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	PEL	400 mg/m3	
		100 ppm	
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	PEL	5 mg/m3	Mist.
Stoddard solvent (CAS 8052-41-3)	PEL	2900 mg/m3	
		500 ppm	

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)	TWA	25 ppm	
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Nonane (CAS 111-84-2)	TWA	200 ppm	
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.
Stoddard solvent (CAS 8052-41-3)	TWA	100 ppm	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)	TWA	125 mg/m3	
		25 ppm	
Benzene, ethyl- (CAS 100-41-4)	STEL	545 mg/m3	
		125 ppm	
	TWA	435 mg/m3	
		100 ppm	
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	TWA	100 mg/m3	
Nonane (CAS 111-84-2)	TWA	1050 mg/m3	
		200 ppm	
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Stoddard solvent (CAS 8052-41-3)	Ceiling	1800 mg/m3	
	TWA	350 mg/m3	

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Benzene, ethyl- (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines****Canada - Alberta OELs: Skin designation**

Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	Can be absorbed through the skin.
Naphthalene (CAS 91-20-3)	Can be absorbed through the skin.

**Canada - British Columbia OELs: Skin designation**

Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	Can be absorbed through the skin.
Naphthalene (CAS 91-20-3)	Can be absorbed through the skin.

**Canada - Manitoba OELs: Skin designation**

Naphthalene (CAS 91-20-3)	Can be absorbed through the skin.
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**Canada - Ontario OELs: Skin designation**

Naphthalene (CAS 91-20-3)	Can be absorbed through the skin.
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**Canada - Saskatchewan OELs: Skin designation**

Distillates (petroleum), light hydrotreated (CAS 64742-47-8)	Can be absorbed through the skin.
Naphthalene (CAS 91-20-3)	Can be absorbed through the skin.

## US ACGIH Threshold Limit Values: Skin designation

Naphthalene (CAS 91-20-3)

Can be absorbed through the skin.

<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Not applicable.
<b>General hygiene considerations</b>	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Liquid
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Amber
<b>Odor</b>	Mild petroleum
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	0.8455 @ 15°C
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	149.0 °F (65.0 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Negligible
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	6 cSt @ 40°C

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## 10. Stability and Reactivity

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<b>Reactivity</b>	Strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Material is stable under normal conditions.

<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

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## 11. Toxicological Information

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**Routes of exposure** Inhalation. Ingestion. Skin contact. Eye contact.

**Information on likely routes of exposure**

<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. May cause damage to organs by inhalation.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Information on toxicological effects**

**Acute toxicity** May be fatal if swallowed and enters airways.

Components	Species	Test Results
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 3160 mg/kg
	Rat	3440 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Mouse, Rat	2000 - 9833 mg/m <sup>3</sup> , 12 Hours
	Rat	10200 mg/m <sup>3</sup> , 4 Hours
		3670 ppm, 4 hours
		3661 ppm
		18 mg/l/4h
<i>Oral</i>		
LD50	Rat	6000 mg/kg
		3280 mg/kg
Benzene, ethyl- (CAS 100-41-4)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	17800 mg/kg, HSDB
		15380 mg/kg, CCOHS: Cheminfo
		17.8 ml/kg, 24 Hours
<i>Inhalation</i>		
LC50	Mouse	> 8000 ppm, 20 Minutes
	Rat	4000 ppm, 4 Hours, CCOHS: Cheminfo
<i>Oral</i>		
LD50	Rat	5460 mg/kg, HSDB
		3500 mg/kg, Sigma Aldrich
		5.5 g/kg
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 4000 mg/kg, 24 Hours, ECHA
		> 2000 mg/kg
		> 2000 mg/kg, 24 Hours, ECHA

Components	Species	Test Results
<i>Inhalation</i> LC50	Cat	> 6.4 mg/L, 6 Hours, ECHA
	Rat	> 7.5 mg/L, 6 Hours, ECHA > 6 mg/L, 4 Hours, ECHA > 5.7 mg/L, 4 Hours, ECHA > 5.3 mg/L, 4 Hours, ECHA > 5.3 mg/L, 4 Hours, ECHA > 5.2 mg/L, 4 Hours, ECHA > 4.6 mg/L, 4 Hours, ECHA > 4.5 mg/L, 4 Hours, ECHA > 4.3 mg/L, 4 Hours, ECHA > 0.1 mg/L, 8 Hours, ECHA 5.2 mg/l/4h, LOLI
<i>Oral</i> LD50	Rat	> 20000 mg/kg, ECHA > 5000 mg/kg, LOLI > 25 ml/kg
Nonane (CAS 111-84-2)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	> 2000 mg/kg, 24 Hours
<i>Inhalation</i> LC50	Rat	3200 ppm, 4 Hours 23.8 mg/L, 8 Hours 17 mg/L, 4 Hours
<i>Oral</i> LD50	Rat	> 5000 mg/kg >= 15000 mg/kg
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	> 5000 mg/kg, 24 Hours, ECHA > 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i> LC50	Rat	< 5.7 mg/L, 4 Hours, ECHA > 5.5 mg/L, 4 Hours, ECHA > 5.3 mg/L, 4 Hours, ECHA > 5.2 mg/L, 4 Hours, ECHA > 4 mg/L, 4 Hours, ECHA > 3.9 mg/L, 4 Hours, ECHA 2.2 mg/L, 4 Hours, ECHA
<i>Oral</i> LD50	Rat	> 5000 mg/kg, ECHA > 2000 mg/kg, ECHA 5000 mg/kg, ECHA
Stoddard solvent (CAS 8052-41-3)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	> 3000 mg/kg



Components	Species	Test Results
<i>Inhalation</i> LC50	Rat	> 5500 mg/m3
<i>Oral</i> LD50	Rat	> 5000 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Causes eye irritation.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	Suspected of causing cancer. Contains < 3% (w/w) DMSO-extract	
<b>ACGIH Carcinogens</b>		
Benzene, ethyl- (CAS 100-41-4)		A3 Confirmed animal carcinogen with unknown relevance to humans.
Naphthalene (CAS 91-20-3)		A3 Confirmed animal carcinogen with unknown relevance to humans.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)		A2 Suspected human carcinogen.
<b>Canada - Manitoba OELs: carcinogenicity</b>		
ETHYL BENZENE (CAS 100-41-4)		Confirmed animal carcinogen with unknown relevance to humans.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-70-7)		Suspected human carcinogen.
NAPHTHALENE (CAS 91-20-3)		Confirmed animal carcinogen with unknown relevance to humans.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Benzene, ethyl- (CAS 100-41-4)		Volume 77 - 2B Possibly carcinogenic to humans.
Naphthalene (CAS 91-20-3)		Volume 82 - 2B Possibly carcinogenic to humans.
Stoddard solvent (CAS 8052-41-3)		Volume 47 - 3 Not classifiable as to carcinogenicity to humans.
Xylene (CAS 1330-20-7)		Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity to humans.
<b>US - California Proposition 65 - CRT: Listed date/Carcinogenic substance</b>		
Benzene, ethyl- (CAS 100-41-4)		
Naphthalene (CAS 91-20-3)		
<b>US NTP Report on Carcinogens: Anticipated carcinogen</b>		
Naphthalene (CAS 91-20-3)		Reasonably Anticipated to be a Human Carcinogen.
<b>US NTP Report on Carcinogens: Known carcinogen</b>		
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)		Known To Be Human Carcinogen.
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		
Not listed.		
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.	
<b>Teratogenicity</b>	Not available.	
<b>Specific target organ toxicity - single exposure</b>	Not classified.	
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.	
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.	
<b>Chronic effects</b>	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. Causes damage to organs through prolonged or repeated exposure.	

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## 12. Ecological Information

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**Ecotoxicity** See below

**Ecotoxicological data**

<b>Components</b>		<b>Species</b>	<b>Test Results</b>
Benzene, 1,2,4-trimethyl- (CAS 95-63-6)			
Crustacea	EC50	Daphnia	6.14 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> )	7.19 - 8.28 mg/L, 96 hours
Benzene, ethyl- (CAS 100-41-4)			
Algae	IC50	Algae	4.6 mg/L, 72 Hours
Crustacea	EC50	Daphnia	2.1 mg/L, 48 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> )	1.37 - 4.4 mg/L, 48 hours
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> )	7.5 - 11 mg/L, 96 hours
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea ( <i>Daphnia pulex</i> )	2.7 - 5.1 mg/L, 48 hours
Fish	LC50	Rainbow trout, donaldson trout ( <i>Oncorhynchus mykiss</i> )	2.9 mg/L, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulative potential</b>	No data available.		
<b>Mobility in soil</b>	No data available.		
<b>Mobility in general</b>	Not available.		
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

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## 13. Disposal Considerations

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<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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## 14. Transport Information

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<b>Transport of Dangerous Goods (TDG) Proof of Classification</b>	In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue.
<b>General</b>	Marine Pollutants Exemption. 1.45.1. : Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, do not apply to substances that are classified as marine pollutants in accordance with section 2.43 of Part 2, Classification, if they are in transport solely on land by road vehicle or railway vehicle. However, substances may be identified as marine pollutants on a shipping document and the required dangerous goods safety marks may be displayed when they are in transport by road or railway vehicle. (SOR/2008-34, s. 23)  CFR 171.4: The requirements of this subchapter specific to marine pollutants does not apply to non-bulk packagings transported by motor vehicle, rail car or aircraft, except when all or part of the transportation is by vessel.  DOT - 49 CFR 173.150 (f) - Combustible Liquid Exemption
<b>U.S. Department of Transportation (DOT)</b>	
<b>Basic shipping requirements:</b>	
<b>UN number</b>	NA1993
<b>Proper shipping name</b>	Combustible liquid, n.o.s.

**Technical name** Stoddard solvent  
**Hazard class** 3 (Combustible)  
**Packing group** III  
**Special provisions** 148, IB3, T1, TP1

**Transportation of Dangerous Goods (TDG - Canada)**

Not regulated as dangerous goods.

DOT



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## 15. Regulatory Information

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**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (SOR/2015-17) and the SDS contains all the information required by the HPR.

**Canada CEPA Schedule I: Listed substance**

Naphthalene (CAS 91-20-3) Listed.

**Canada DSL Challenge Substances: Listed substance**

Naphthalene (CAS 91-20-3) Listed.

**Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number**

Benzene, 1,2,4-trimethyl- (CAS 95-63-6) 1 TONNES

Distillates (petroleum), light hydrotreated (CAS 64742-47-8) 1 TONNES

Nonane (CAS 111-84-2) 1 TONNES

Stoddard solvent (CAS 8052-41-3) 1 TONNES

Xylene (CAS 1330-20-7) 1 TONNES

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**WHMIS 2015 Exemptions** Not applicable

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Nonane (CAS 111-84-2) 1.0 % One-Time Export Notification only.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Benzene, ethyl- (CAS 100-41-4) Listed.

Naphthalene (CAS 91-20-3) Listed.

Nonane (CAS 111-84-2) Listed.

Xylene (CAS 1330-20-7) Listed.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Benzene, 1,2,4-trimethyl-	95-63-6	1.3
Benzene, ethyl-	100-41-4	0.13

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Benzene, ethyl- (CAS 100-41-4)  
Naphthalene (CAS 91-20-3)  
Xylene (CAS 1330-20-7)

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

## US state regulations

### US - California Hazardous Substances (Director's): Listed substance

Benzene, 1,2,4-trimethyl- (CAS 95-63-6) Listed.  
Benzene, ethyl- (CAS 100-41-4) Listed.  
Distillates (petroleum), light hydrotreated (CAS 64742-47-8) Listed.  
Naphthalene (CAS 91-20-3) Listed.  
Nonane (CAS 111-84-2) Listed.  
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.  
Stoddard solvent (CAS 8052-41-3) Listed.  
Xylene (CAS 1330-20-7) Listed.

### US - Illinois Chemical Safety Act: Listed substance

Benzene, ethyl- (CAS 100-41-4)  
Naphthalene (CAS 91-20-3)  
Nonane (CAS 111-84-2)  
Xylene (CAS 1330-20-7)

### US - Louisiana Spill Reporting: Listed substance

Benzene, ethyl- (CAS 100-41-4) Listed.  
Naphthalene (CAS 91-20-3) Listed.  
Nonane (CAS 111-84-2) Listed.  
Xylene (CAS 1330-20-7) Listed.

### US - Michigan Critical Materials Register: Parameter number

Xylene (CAS 1330-20-7) XYLENE (ALL ISOMERS)

### US - Minnesota Haz Subs: Listed substance

Benzene, 1,2,4-trimethyl- (CAS 95-63-6) Listed.  
Benzene, ethyl- (CAS 100-41-4) Listed.  
Distillates (petroleum), light hydrotreated (CAS 64742-47-8) Listed.  
Naphthalene (CAS 91-20-3) Listed.  
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.  
Stoddard solvent (CAS 8052-41-3) Listed.  
Xylene (CAS 1330-20-7) Listed.

### US - New Jersey RTK - Substances: Listed substance

Benzene, 1,2,4-trimethyl- (CAS 95-63-6)  
Benzene, ethyl- (CAS 100-41-4)  
Naphthalene (CAS 91-20-3)  
Nonane (CAS 111-84-2)  
Stoddard solvent (CAS 8052-41-3)  
Xylene (CAS 1330-20-7)

### US - North Carolina Toxic Air Pollutants: Listed substance

Xylene (CAS 1330-20-7)

### US - Texas Effects Screening Levels: Listed substance

Benzene, 1,2,4-trimethyl- (CAS 95-63-6) Listed.  
Benzene, ethyl- (CAS 100-41-4) Listed.  
Distillates (petroleum), light hydrotreated (CAS 64742-47-8) Listed.  
Naphthalene (CAS 91-20-3) Listed.  
Nonane (CAS 111-84-2) Listed.  
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.  
Stoddard solvent (CAS 8052-41-3) Listed.  
Xylene (CAS 1330-20-7) Listed.

### US - Washington Chemical of High Concern to Children: Listed substance

Benzene, ethyl- (CAS 100-41-4)

### US. Massachusetts RTK - Substance List

Benzene, 1,2,4-trimethyl- (CAS 95-63-6)  
Benzene, ethyl- (CAS 100-41-4)  
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)

Naphthalene (CAS 91-20-3)  
 Nonane (CAS 111-84-2)  
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)  
 Stoddard solvent (CAS 8052-41-3)  
 Xylene (CAS 1330-20-7)

**US. New Jersey Worker and Community Right-to-Know Act**

Benzene, 1,2,4-trimethyl- (CAS 95-63-6)  
 Benzene, ethyl- (CAS 100-41-4)  
 Distillates (petroleum), light hydrotreated (CAS 64742-47-8)  
 Naphthalene (CAS 91-20-3)  
 Xylene (CAS 1330-20-7)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Benzene, 1,2,4-trimethyl- (CAS 95-63-6)  
 Benzene, ethyl- (CAS 100-41-4)  
 Distillates (petroleum), light hydrotreated (CAS 64742-47-8)  
 Naphthalene (CAS 91-20-3)  
 Nonane (CAS 111-84-2)  
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)  
 Stoddard solvent (CAS 8052-41-3)  
 Xylene (CAS 1330-20-7)

**US. Rhode Island RTK**

Benzene, 1,2,4-trimethyl- (CAS 95-63-6)  
 Benzene, ethyl- (CAS 100-41-4)  
 Naphthalene (CAS 91-20-3)  
 Nonane (CAS 111-84-2)  
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)  
 Stoddard solvent (CAS 8052-41-3)  
 Xylene (CAS 1330-20-7)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Benzene, ethyl- (CAS 100-41-4)	Listed: June 11, 2004
Naphthalene (CAS 91-20-3)	Listed: April 19, 2002

**Inventory status**

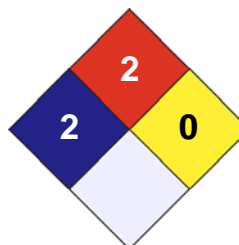
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	* 2
<b>FLAMMABILITY</b>	2
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	X



**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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**Prepared by**

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**Other information**

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.