


Safety Data Sheet

Section 1. Identification	
Product Identifier	Solvent
Other Means Of Identification	Stoddard solvent
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
Recommended Use and Restrictions On Use	Parts washer, degreaser, solvent, paint thinner. No restrictions.
Product Family	Hydrocarbon
24 Hour Emergency	Canutec (613) 996-6666

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazard	Flammable Liquids – Category 3
Health Hazard	Skin Corrosion/Irritation - Category 2 Eye Damage/Irritation - Category 2B Specific Target Organ Toxicity, (Single Exposure) - Category 3 Aspiration Hazard – Category 1
Signal Word	Danger
Hazard Statement	Flammable Liquid and Vapour. Causes skin irritation. Causes eye irritation. May cause respiratory irritation; or may cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
Precautionary Prevention Statement	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion proof electrical, ventilating or lighting equipment. Use non-sparking tools.

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	<p>Take action to prevent static discharges. Wear protective gloves, clothing, eye and face protection.</p> <p>Wash hands thoroughly after handling.</p> <p>Avoid breathing dust, fume, gas, mist, vapours or spray. Use only outdoors or in a well-ventilated area.</p>
Precautionary Response Statement	<p>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin and wash with plenty of water or shower if on clothing.</p> <p>In case of fire: Use foam, dry chemical, carbon dioxide to extinguish.</p> <p>Specific Treatment: do not induce vomiting unless directed by medical personnel.</p> <p>If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before re-use.</p> <p>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 attention.</p> <p>IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.</p> <p>IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting.</p>
Precautionary Storage Statement	<p>Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.</p>
Precautionary Disposal Statement	<p>Dispose of contents / container in accordance with local regulations.</p>

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Stoddard Solvent	Hydrocarbon distillate	8052-41-3	100

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Flush area with water. If skin is damaged seek immediate medical attention. If irritation persists seek medical attention. Launder clothing before reuse.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.



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Ingestion	Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Breathing difficulties. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Immediate Medical Attention and Special Treatment	Treat symptomatically. No specific treatment.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Water fog, foam, dry chemical, carbon dioxide. DO NOT use water jet – the low flash point of this material may make the use of a water jet inefficient. Do not use direct water jet.
Hazardous Combustion Products	Carbon monoxide
Specific Hazards Arising From The Product	Flammable. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated. Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.
Special Protective Equipment and Precautions For Fire-Fighters	Fire fighters should wear self contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire. May ignite if static discharge. Can form explosive mixtures in water. Product will float on water and can travel to distant locations and /or spread fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves (neoprene), goggles or face shield, coveralls (flameproof), footwear appropriate for worksite. Air purifying respirator (organic vapours / mists) if exposure limits are being exceeded. Evacuate unnecessary personnel. Remove all sources of ignition. Soak up with inert absorbent material.
Environmental Precautions	Do not allow to enter any surface water courses or drains and sewers. Product may collect in low places. Remove all sources of ignition and naked flames.
Methods and Materials For Containment and Clean-Up	With all sources of ignition removed and wearing correct protective apparel, close area and remove all personnel not required for clean up. Pump up large volumes of product, or soak up smaller amounts with

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	an absorbent. Place collected material in a suitable container for disposal. Wash area down with soap and water to remove residues.
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Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care. Combustible liquid. Containers should be grounded to prevent static discharge.
Conditions For Safe Storage	Store in a cool dry place away from any sources of ignition.

Section 8. Exposure Controls / Personal Protection	
Control Parameters	TWA: 8 Hr STEL: 15 min Ceiling
Stoddard Solvent	100 ppm (ACGIH) * Immediately Dangerous to Life and Health
Exposure Controls	Local exhaust ventilation to maintain exposure levels below legal limits.
Appropriate Engineering Controls	Ensure adequate ventilation, especially in confined areas. Use explosion-proof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation location
Individual Protective Measures	
Eye / Face Protection	Goggles
Skin Protection	Chemical resistant gloves, coveralls
Respiratory Protection	Air purifying respirator fitted with cartridges (organic vapours / mists) must worn if exposure limits are being exceeded.

Section 9. Physical and Chemical Properties	
Appearance	Clear, colourless liquid
Odour	Strong solvent / hydrocarbon odour
Odour Threshold	Not available.
pH	Not applicable.
Flash Point	43 °C
Boiling Point and Boiling Range	159 - 195 °C
Melting Point and Freezing Point	-76 °C
Flammability (solid, gas)	Not applicable

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Upper and Lower Flammability or Explosive Limits	6.0 – 0.8 %(v)
Vapour Pressure	0.285 kPa (2.14 mmHg) @ 20 °C
Vapour Density	4.9 at 101 kPa (Air = 1)
Relative Density	0.78 @ 15 °C
Solubility	Not soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-Ignition Temperature	260 °C
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity	
Reactivity	Stable
Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Open flames and sources of ignition
Incompatible Materials	Oxidising agent Oxidising agents, peroxides, chlorine, nitric acid.
Hazardous Decomposition Products	Not expected to decompose under normal conditions of use.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Stoddard Solvent	>5g/kg (Rat)	>2.0 g/kg (Rat)	
Likely Routes of Exposure			
Skin:	Prolonged or repeated contact may irritate the skin, causing dermatitis.		
Eyes:	Liquid and vapours can cause severe irritation of the eyes.		
Inhalation:	Inhalation of vapours or mists may cause headache, nausea, dizziness, drowsiness, unconsciousness and death.		
Ingestion:	Harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed and vomiting occurs.		
Acute Toxicity Estimates (ATE)	Not classified		
STOT (Specific Target Organ Toxicity) – Single Exposure	Central nervous system (CNS)		
Aspiration Toxicity	Aspiration hazard Category 1		



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STOT (Specific Target Organ Toxicity) – Repeated Exposure	Kidney, liver, spleen
Skin Corrosion / Irritation	Irritant
Serious Eye Damage / Irritation	Irritant
Respiratory or Skin Sensitization	Not classified
Carcinogenicity	Xylene – A4 (ACGIH) Ethyl benzene – A3 (ACGIH) Naphthalene – A4 (ACGIH).
Reproductive Toxicity	
- Sexual Function and Fertility	Not classified
- Development of Offspring	Not classified
- Effects on or via Lactation	Not classified
Germ Cell Mutagenicity	Not classified
Interactive Effects	None known
Other Information	Tumorigenic effects have been reported in experimental animals.

Section 12. Ecological Information

Ecotoxicity	No data
Persistence and Degradability	Will not persist
Bioaccumulative Potential	Not available
Biodegradability	Not available
Mobility in Soil	Not available
Other Adverse Effects	None known

Section 13. Disposal Considerations

Disposal Considerations	Dispose of contents / container in accordance with local regulations.
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Section 14. Transport Information	
UN Number	1268
UN Proper Shipping Name	Petroleum Distillates N.O.S.
Transport Hazard Class(es)	3
Packaging Group	III
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	128

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information	
NFPA Rating	Health-2/ Flammability-2/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-2/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	4 October, 2012
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Disclaimer	
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