


Safety Data Sheet

Section 1. Identification	
Product Identifier	Oil King
	Version: 7 Effective Date: 25 January 2021
Other Means Of Identification	None
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
Recommended Use and Restrictions On Use	Degreaser, parts washer, oil, tar and asphalt remover. No restrictions.
Product Family	Blend
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazards	Flammable Liquids - Category 3
Health Hazards	Skin Corrosion/Irritation - Category 2 Aspiration Hazard - Category 1 Skin Sensitization – Category 1
Signal Word	Danger
Hazard Statement	Flammable liquid and vapour. Causes skin irritation. May be fatal if swallowed and enters airways. May cause an allergic skin reaction.
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 and lighting equipment. Use non-sparking tools. Take action to prevent static discharge. Wear protective gloves, clothing, eye and face protection. Wash hands thoroughly after handling. Avoid inhaling fume, mist, vapours and spray.

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	Contaminated work clothing should not be allowed out of the workplace.
Precautionary Response Statement	<p>IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse and wash skin with plenty of water, or shower if on clothing. In case of fire: Use carbon dioxide, foam, or dry chemical to extinguish.</p> <p>Specific treatment: Do not induce vomiting unless directed by medical personnel.</p> <p>If skin irritation or rash occurs: Seek medical attention. Take off contaminated clothing and wash it before reuse.</p> <p>IF SWALLOWED: Immediately call a POISON CENTRE. Do NOT induce vomiting.</p>
Precautionary Storage Statement	Store locked up and in a well-ventilated place. Keep cool.
Precautionary Disposal Statement	Dispose of contents/container in accordance with local regulations.
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
D'Limonene	Terpene	5989-27-5	60 – 100
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Flush area with water. 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.
Ingestion	Rinse mouth with water if conscious. 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	Rash. Aspiration may cause pulmonary oedema and pneumonitis. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis.

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Immediate Medical Attention and Special Treatment	<p>Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothing which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.</p> <p>Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.</p>
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Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Carbon dioxide, foam, or dry chemical. Do not use direct water jet.
Hazardous Combustion Products	Carbon monoxide and dioxide
Specific Hazards Arising From the Product	<p>Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.</p>
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.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	<p>Gloves, safety glasses, or goggles, chemical resistant footwear, coveralls. Air purifying respirator fitted with appropriate cartridges. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhaling mist or vapor. Do not touch damaged containers or spilled</p>

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	material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained.
Environmental Precautions	Do not allow product to enter surface drains and watercourses.
Methods and Materials For Containment and Clean-Up	Eliminate all sources of ignition. Contain spill, soak up spilled product with suitable material. Place in a suitable container for disposal. All rags, absorbent, and contaminated material should be disposed of in the appropriate manner. Wash area with water and a small amount of detergent to remove residues.

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care – combustible liquid. Use in well ventilated areas. Remove all sources of ignition. Keep away from naked flames, sparks and heat sources. Do not inhale vapours. Use good housekeeping practices – wash hands after use.
Conditions For Safe Storage	Store in cool, well ventilated area. Keep containers closed when not in use. Do not cut, weld, drill, or grind on or near these containers. Empty drums may contain flammable vapours.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
D-Limonene	Not established			
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Explosion-proof general and local exhaust ventilation. 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. Eye wash facilities and emergency shower must be available when handling this product.			
Individual Protective Measures	Under normal conditions of use these are not normally required.			
Eye / Face Protection	If exposure limits are exceeded: Safety glasses.			
Skin Protection	Wear gloves (nitrile), coverall (Nomex), chemical resistant footwear.			

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Respiratory Protection	Air purifying respirator fitted with organic vapour cartridges must be worn.
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Section 9. Physical and Chemical Properties	
Appearance	Yellow to orange coloured, clear liquid
Odour	Strong citrus odour
Odour Threshold	Not available.
pH	Not applicable.
Flash Point	49 °C
Boiling Point and Boiling Range	176 °C
Melting Point and Freezing Point	-74.5 °C
Evaporation Rate	> 1 (ethyl ether)
Flammability(solid, gas)	N/A
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	2.66 kPa @ 20 °C
Vapour Density	4.73 (Air = 1)
Relative Density	0.848
Solubility	Not soluble
Partition co-efficient, n-Octanol/Water	4.6 at 25°C
Auto-ignition Temperature	237 °C
Decomposition Temperature	No data
Viscosity	No data
% Volatile	60 – 100 %

Section 10. Stability and Reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Naked flames. Sparks and sources of ignition
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Oxides of citrus terpenes result from improper storage and handling – these are potential skin sensitizers. Exposure to air will cause the formation of the oxides.



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Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
D-Limonene	>5g/kg (Rat)	>5g/kg (Rabbit)	
Likely Routes of Exposure			
Skin:	May cause mild irritation. Prolonged contact may cause dryness, cracking, and possible skin burns.		
Eyes:	May cause irritation of the eyes, including stinging, redness and tearing.		
Inhalation:	May cause irritation of the nose, throat, and respiratory tract, coughing and headache.		
Ingestion:	May cause vomiting, headache, or irritation of the digestive tract.		
Acute Toxicity Estimate (ATE)	May be fatal if swallowed and enters airways. May cause an allergic skin reaction.		
STOT (Specific Target Organ Toxicity) – Single Exposure	Not classified		
Aspiration Toxicity	May be fatal if swallowed and enters airways		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified		
Skin Corrosion / Irritation	Causes skin irritation.		
Serious Eye Damage / Irritation	Direct contact with eyes may cause temporary irritation.		
Respiratory or Skin Sensitization	May cause an allergic skin reaction.		
Carcinogenicity	Not listed.		
Reproductive Toxicity			
- Sexual Function and Fertility	Not classified		
- Development of Offspring	Not classified		
- Effects on or via Lactation	Not classified		
Germ Cell Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Interactive Effects	None known		
Other Information	None known		

Section 12. Ecological Information

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Ecotoxicity	No data
Persistence and Degradability	Will not persist
Bioacumulative Potential	No data
Biodegradability	Expected to be completely biodegradable
Mobility in Soil	No data
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	Not applicable
UN Proper Shipping Name	None
Transport Hazard Class(es)	Not applicable
Packaging Group	Not applicable
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	Not applicable

Section 15. Regulatory Information

Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), 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

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Section 16. Other Information	
NFPA Rating	Health-1/ Flammability-2/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-1/Flammability-2/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	28 June, 2012
Date of Latest Revision:	25 January 2021
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