


# Safety Data Sheet

Section 1. Identification		
<b>Product Identifier</b>	<b>A1 Graffiti Remover</b>	<b>Version: 6</b> <b>Effective Date: 10 July 17</b>
<b>Other Means Of Identification</b>	None	
<b>Initial Supplier Identifier</b>	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
<b>Recommended Use And Restrictions On Use</b>	Paint, ink, grease and graffiti remover. No restrictions	
<b>Product Family</b>	Blend	
<b>24 Hour Emergency</b>	Canutec (613) 996-6666	

Section 2. Hazard Identification	
<b>Hazard Classification</b>	
<b>Physical Hazards</b>	Flammable Liquids - Category 4
<b>Health Hazards</b>	Eye Damage / Irritation - Category 2A Reproductive Toxicity - Category 1B
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Combustible liquid. Causes serious eye irritation. May damage fertility or the unborn child.
<b>Precautionary Prevention Statement</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash skin thoroughly after handling. Wear eye and face protection. Obtain special instruction before use. Do not handle until all safety precautions have been read and understood.
<b>Precautionary Response Statement</b>	In case of fire: Use Water fog, foam and CO2 to extinguish. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical attention. If exposed or concerned: get medical attention.

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<b>Precautionary Storage Statement</b>	Store in a well ventilated area locked up.
<b>Precautionary Disposal Statement</b>	Dispose of contents / container in accordance with local regulations.
<b>Other Hazards</b>	None

<b>Section 3. Composition / Information on Ingredients</b>			
<b>Chemical Name</b>	<b>Common Name or Synonyms</b>	<b>CAS NO. and Other Unique Identifiers</b>	<b>% by weight</b>
D-limonene	Terpene	5989-27-5	20 – 50
Tetra hydrofurfuryl alcohol	THF	97-99-4	10 – 30
N- methyl-2-pyrrolidone	None	872-50-4	30 – 50
Di-propylene glycol monomethyl ether	None	34590-94-8	10 - 20
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

<b>Section 4. First-Aid Measures</b>	
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek medical attention.
<b>Skin Contact</b>	Flush area with water. If irritation persists seek medical attention. Launder clothing before reuse.
<b>Inhalation</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
<b>Ingestion</b>	Give two glasses of water. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
<b>Most Important Symptoms and Effects Both Acute and Delayed</b>	Skin contact may cause the following symptoms: nausea, dizziness and headache. If inhalation occurs signs and symptoms may include: coughing, choking, wheezing, difficulty breathing, chest congestion, shortness of breath, and /or fever.
<b>Immediate Medical Attention and Special Treatment</b>	Treat symptomatically. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.



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Section 5. Fire-Fighting Measures	
<b>Suitable and Unsuitable Extinguishing Media</b>	Water fog, foam and CO2. Do not use water.
<b>Hazardous Combustion Products</b>	Carbon monoxide and dioxide
<b>Specific Hazards Arising From the Product</b>	Fine spray/mist may be combustible at temperatures below normal flash point. Vapors may be heavier than air.
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	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	
<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Gloves (neoprene), chemical resistant footwear, coveralls. Evacuate personnel to safe area. Remove all sources of ignition. Ensure adequate ventilation. Beware of vapours accumulating to form explosive concentrations. Vapors can accumulate in low area.
<b>Environmental Precautions</b>	Remove all sources of combustion. Dike area to prevent entry into water courses and sewer systems.
<b>Methods and Materials for Containment and Clean Up</b>	Soak up product on absorbent (universal hydrocarbon) pads, or pump into container for disposal. Wash area with soap and water.

Section 7. Handling and Storage	
<b>Precautions for Safe Handling</b>	Handle with care. Remove all sources of ignition.
<b>Conditions for Safe Storage</b>	Store in a cool, dry place. Keep container closed when not in use.

Section 8. Exposure Controls / Personal Protection			
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling
D-limonene	Not established for this product		
Tetra hydrofurfuryl alcohol	Not established for this product		
N- methyl-2-pyrrolidone	Not established for this product		

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<b>Di-propylene glycol monomethyl ether</b>	100 ppm (OEL, AB)	150 ppm (OEL, AB)
<b>Exposure Controls</b>	Local exhaust ventilation	
<b>Appropriate Engineering Controls</b>	Provide local exhaust or general room ventilation to minimize exposure to vapours.	
<b>Individual Protective Measures</b>		
<b>Eye / Face Protection</b>	Safety glasses	
<b>Skin Protection</b>	Chemical resistant gloves (neoprene) and coveralls	
<b>Respiratory Protection</b>	Air purifying respirator fitted with hydrocarbon vapour cartridges	

<b>Section 9. Physical and Chemical Properties</b>	
<b>Appearance</b>	Clear to pale amber liquid
<b>Odour</b>	Citrus Odour
<b>Odour Threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Flash Point</b>	70 °C
<b>Boiling Point and Boiling Range</b>	No data
<b>Melting Point and Freezing Point</b>	No data
<b>Evaporation Rate</b>	Not determined
<b>Flammability (solid, gas)</b>	N/A
<b>Upper and Lower Flammability or Explosive Limits</b>	No data
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Relative Density</b>	0.959
<b>Solubility</b>	Completely soluble
<b>Partition co-efficient, n-Octanol/Water</b>	No data
<b>Auto-ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	No data
<b>Viscosity</b>	No data
<b>% Volatile</b>	50 – 100%

<b>Section 10. Stability and Reactivity</b>	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	Will not occur

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<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials</b>	Paint and some plastic will be solubilised or softened by this material
<b>Hazardous Decomposition Products</b>	None known

<b>Section 11. Toxicological Information</b>			
<b>Component Toxicity</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
d-limonene	>5g/kg	>5g/kg	
tertrafurfuryl alcohol	1600 mg/kg		
N- methyl-2-pyrrolidone	3598 mg/kg	2500 mg/kg	3.1 mg/l (4h)
Di-propylene glycol monomethyl ether	5135 mg/kg	9500 mg/kg	
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	May cause mild irritation. Prolonged contact may cause dryness, cracking and possible skin burns.		
<b>Eyes:</b>	May cause irritation of the eyes, including stinging and redness.		
<b>Inhalation:</b>	Inhalation of vapours and mists will cause irritation to the upper respiratory tract.		
<b>Ingestion:</b>	May cause digestive tract disturbance, including vomiting, nausea, and diarrhoea.		
<b>Acute Toxicity Estimates (ATE)</b>	No data		
<b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>	Not classified		
<b>Aspiration Toxicity</b>	Not classified		
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	Not classified		
<b>Skin Corrosion / Irritation</b>	May cause irritation		
<b>Serious Eye Damage / Irritation</b>	Causes eye damage		
<b>Respiratory or Skin Sensitization</b>	Not classified		
<b>Carcinogenicity</b>	Not listed.		
<b>Reproductive Toxicity</b>			
- <b>Sexual Function and Fertility</b>	May cause harm to unborn child		
- <b>Development of Offspring</b>	Not classified		

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- <b>Effects on or via Lactation</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Interactive Effects</b>	Not classified
<b>Other Information</b>	N/A

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	Tetra hydrofurfuryl alcohol – LC50: 3400 mg/l (Chaetodonoides) 48hrs  N- methyl-2-pyrrolidone – LC50: 832 mg/l 96h (Blue gill sun fish) LC50: 4000 mg/l 96h (Golden orfe) EC50: >4000 mg/l, 48h (Daphnia) EC50: 500 mg/l (Scenedesmus subspicatus)
<b>Persistence and Degradability</b>	No data
<b>Bioacumulative Potential</b>	No data
<b>Biodegradability</b>	No data
<b>Mobility in Soil</b>	No data
<b>Other Adverse Effects</b>	None known

<b>Section 13. Disposal Considerations</b>	
<b>Disposal Considerations</b>	Dispose of in accordance with local, provincial, and federal regulations.

<b>Section 14. Transport Information</b>	
<b>UN Number</b>	None
<b>UN Proper Shipping Name</b>	None
<b>Transport Hazard Class(es)</b>	None
<b>Packaging Group</b>	None
<b>Environmental Hazards</b>	Not applicable
<b>Bulk Transport</b>	Not applicable
<b>Special Precaution</b>	Not applicable
<b>DOT Erg#</b>	Not applicable

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

<b>Section 16. Other Information</b>	
<b>NFPA Rating</b>	Health-2/ Flammability-2/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-2/Flammability-2/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	20 March, 2014
<b>Date of Latest Revision:</b>	10 July, 2017
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