

# Material Safety Data Sheet

Section 1. Chemical Product and Company Identification		
<b>Product Name:</b>	<b>Jack Hammer</b>	<b>Version: 4</b> <b>Effective Date: June 23, 2014</b>
<b>Supplier / Manufacturer:</b>	Chemfax Products Ltd 11444 - 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
<b>Material Uses</b>	Descaler, cement and concrete remover	
<b>24 Hour Emergency</b>	Canutec (613) 996-6666	
<b>WHMIS</b>		
<b>This product is not WHMIS regulated</b>		
This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR		
<b>HMIS Ratings</b> for this product are: <b>Health 0 , Flammability 0 , Reactivity 0</b>		

Section 2. Composition and Information on Ingredients		
Name	CAS#	% by weight
Ingredients are not considered hazardous and constitute a proprietary blend	Not applicable	Not applicable
See Section 8 for information on permissible exposure limits and threshold limit values		

Section 3. Hazards Identification	
<b>Physical State and Appearance</b>	Clear, colourless liquid with soapy scent
<b>Hazard Summary</b>	Not considered hazardous
<b>Routes of Exposure</b>	Not considered hazardous under normal conditions of use
<b>Potential Acute Health Effects</b>	None known
<b>Medical Conditions Aggravated by Exposure</b>	None known
See Toxicological Information – Section 11	
<b>Additional Hazard Identification Remarks</b>	None

**Continued on Next Page ...**

<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.
<b>Inhalation</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
<b>Ingestion</b>	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on their side to prevent aspiration of any vomit. Seek immediate medical attention.
<b>Notes to Physician</b>	None
<b>Additional First Aid Remarks</b>	None

<b>Section 5. Fire Fighting Measures</b>	
<b>Flammability of the Product</b>	Non flammable
<b>Flash Point</b>	Not applicable
<b>Explosive Limits</b>	Not applicable
<b>Auto Ignition Temperature</b>	Not applicable
<b>Static Discharge</b>	Not applicable
<b>Suitable Extinguishing Media</b>	Use extinguishing media suitable for surrounding conditions
<b>Hazardous Combustion Products</b>	None known
<b>Precautions for Fire Fighting</b>	Fire fighters should wear self contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions</b>	Coveralls, gloves and safety glasses (Good housekeeping practice)
<b>Environmental Precautions</b>	Do not allow to enter surface or storm drains
<b>Methods for Clean Up</b>	Pump up large volumes and place in a container suitable for disposal. Wash area with water to remove residues.

<b>Section 7. Handling and Storage</b>	
<b>Handling</b>	Handle with care, maintain good house keeping standards.
<b>Storage</b>	Store in cool dry place. Keep container closed when not in use.

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<b>Section 8. Exposure Controls and Personal Protection</b>			
<b>Exposure Guidelines</b>	<b>TWA: 8 Hr</b>	<b>STEL: 15 min</b>	<b>Ceiling</b>
Products are non-hazardous			
<b>Exposure Controls</b>	Local exhaust ventilation		
<b>Personal Protection</b>			
<b>Respiratory</b>	Not required under normal conditions of use		
<b>Skin</b>	Gloves (neoprene) and coveralls		
<b>Eyes</b>	Safety glasses		
<b>Other</b>	None		

<b>Section 9. Physical and Chemical Properties</b>	
<b>Physical State and Appearance</b>	Clear, colourless liquid with soapy scent
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	2.5 (10 % solution)
<b>Boiling Point</b>	No data
<b>Melting Point / Freezing point</b>	Approx 0°C
<b>Evaporation Rate</b>	No data
<b>Vapour Density</b>	No data
<b>Vapour Pressure</b>	No data
<b>Specific Gravity</b>	1.094
<b>Solubility in Water</b>	Completely soluble
<b>% Volatile</b>	Not applicable
<b>Other Data</b>	None

<b>Section 10. Stability and Reactivity</b>	
<b>Chemical Stability</b>	Stable
<b>Hazardous Polymerisation</b>	Will not occur
<b>Conditions to Avoid</b>	None known
<b>Materials to Avoid</b>	Strong alkalis / bases and oxidisers. Chlorine, potassium chlorate, nitric acid, metal sulfides, nitrates and nitrites
<b>Hazardous Decomposition Products</b>	None expected under normal conditions of use

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<b>Section 11. Toxicological Information</b>	
<b>Principle Routes of Exposure</b>	Not considered hazardous under normal conditions of use
<b>Additional Information</b>	
<b>Acute Toxicity</b>	All components are considered non hazardous
<b>Chronic Toxic Effects</b> – None known	
<b>Carcinogenicity</b> – Not listed	
<b>Reproductive Toxicity / Teratogenicity / Embryotoxicity / Mutagenicity</b> – None known	

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	No data
<b>BOD and COD</b>	No data
<b>Biodegradability / OECD</b>	No data
<b>Toxicity of the Products of Biodegradation</b>	No data
<b>Special Remarks</b>	None

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

<b>Section 14. Transport Information</b>	
<b>TDG Classification</b>	Not regulated under TDG
<b>Emergency Response Guide #</b>	Not applicable
<b>Marine Pollutant</b>	No
<b>Special Precautions</b>	None

<b>Section 15. Regulatory Information</b>	
<b>Canada – DSL Inventory</b>	All components of this product are either on the Domestic Substances List (DSL) or 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>WHMIS Hazard Class</b>	This product is not WHMIS regulated
<b>Additional Information</b>	None

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**Section 16. Other Information****Prepared by:**

Chemfax Products Ltd., Technical Department

**Date Prepared:** 11 January, 2013**Revision Date:** 23 June, 2014**Disclaimer**

Notice to reader

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