

**MATERIAL SAFETY DATA SHEET****PRODUCT INFORMATION**

Product Name: CITRUS SAFE  
Supplier: HOOD CHEMICAL  
295 ALLIANCE ROAD #14  
MILTON ON L9T 4W8  
TEL: 905-876-0707  
Product Use: COIL CLEANER  
Chemical Identity: COMPLEX MIXTURE  
WHMIS Classification: D;2B  
TDG Hazard Classification: NOT REGULATED

**HAZARDOUS INGREDIENTS**

Chemical Identity:	%W/W	CAS #	LD50	LC50
SODIUM METASILICATE	1- 5	834-92-0	1280 MG/KG	NA
D-LIMONENE	1-5	989-27-5	NA	NA
ETHYLENEDIAMINETETRAACETIC ACID	1-5	64-02-8	NA	NA

**PHYSICAL DATA**

Physical State: LIQUID  
Appearance and Odour: GREEN WITH CITRUS ODOUR  
Odour Threshold: N/A  
Boiling Point: 100°C  
Specific Gravity: 1.07  
Freezing Point: <0°C  
Vapour Pressure: N/A  
Vapour Density: N/A  
Water Solubility: COMPLETE  
pH: 13  
Evaporation Rate: N/A

**FIRE OR EXPLOSION HAZARD**

Condition of flammability: N/A  
Means of extinction: WATER, DRY CHEMICAL, CARBON DIOXIDE  
Flashpoint and Method of Determination: NONE TO BOIL  
Upper Flammable Limit: N/A  
Lower Flammable Limit: N/A  
Auto-Ignition temperature: N/A  
Hazardous Combustion Products: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN COMPOUNDS  
Explosion Data – Sensitivity to Mechanical Impact: NONE  
Explosion Data – Sensitivity to Static Discharge: NONE

**REACTIVITY DATA**

Chemical Stability: STABLE  
Incompatible Substances: STRONG CONCENTRATED ACIDS  
Conditions of Reactivity: NONE  
Hazardous Decomposition Products: NONE

**TOXICOLOGICAL PROPERTIES**

Effects of Acute Exposure:  
Eye Contact: WILL IRRITATE EYES AND MAY CAUSE BURNING SENSATION  
Skin Contact: PROLONGED SKIN CONTACT MAY CAUSE IRRITATION  
Inhalation: MAY IRRITATE UPPER RESPIRATORY TRACT  
Ingestion: MAY CAUSE GASTRO INTESTINAL DISCOMFORT

Effect of Chronic Exposure:	NONE KNOWN
Exposure Limits:	N/A
Irritancy of Product:	IRRITANT
Carcinogenicity	N/A
Sensitization to Material:	N/A
Reproduction Toxicity:	N/A
Teratogenicity:	N/A
Mutagenicity:	N/A
Toxicologically Synergistic Products:	N/A

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**PREVENTATIVE MEASURES**

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Personal Protective Equipment: RUBBER, NEOPRENE OR PLASTIC GLOVES AND SAFETY GLASSES OR GOGGLES.

Engineering Controls: GENERAL VENTILATION

Storage Requirements: NO SPECIAL PRECAUTIONS

Waste Disposal: DISPOSE OF ABSORBED MATERIAL IN ACCORDANCE WITH MUNICIPAL GARBAGE. FOR LARGE QUANTITIES CONTACT LOCAL ENVIRONMENTAL AUTHORITIES

Handling Procedures and Equipment: NO SPECIAL PRECAUTIONS

Special Shipping Information: NONE

Procedures for Handling Leaks or Spills: SOAK UP USING ABSORBENT MATERIAL. CAUTION, FLOORS MAY BECOME SLIPPERY.

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**FIRST AID MEASURES**

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Skin Contact:	WASH AFFECTED AREA WITH PLENTY OF WATER AND SOAP. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
Eyes:	FLUSH EYES IMMEDIATELY WITH TEPID WATER FOR AT LEAST 15 MINUTES, HOLDING EYE LIDS APART. CONTACT PHYSICIAN IMMEDIATELY.
Inhalation:	INHALATION SHOULD NOT POSE A SERIOUS HEALTH THREAT. IF CONDITION DOES OCCUR, CONTACT PHYSICIAN IMMEDIATELY.
Ingestion:	DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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**PREPARATION INFORMATION**

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Date Revised:	January 2009
Prepared by:	Lab Personnel

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