

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: CITRUS 500	Manufacturer: ESTEAM	Flammability: 2
Chem. Name: N/A	Trade Name: Citrus 500	Reactivity: 0
Chem. Family:	Use: Carpet spotting compound	Health: 2
		Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Isoparaffinic Naphtha	64741-65-7	50-80	LD50 > 8000 mg/kg (oral-rat)	N/A
D-Limonene	5989-27-5	30-60	LD50 4400 mg/kg (oral-rat)	N/A

PHYSICAL DATA

Physical State: Clear liquid	Boiling Point (C): 171-205	Solubility in Water: Negligible	Evaporation Rate: 70.1	Freeze/Thaw Stable: Doesn't freeze
Odor/Appearance: Citrus odor	Freezing Point (C): N/A	Ph (undiluted): N/A	Specific Gravity: N/A	Percent Volatile (vol): N/D
				Vapor Pressure: >7 mm/Hg@20 C

FIRE & EXPLOSION HAZARD

Flammability: Y	Conditions: In presence of open flames and sparks
Means of Extinction: Dry chemical, CO2, foam, water fog	Hazardous Combustion Products: CO, CO2, Silicone Dioxide
Special Procedures: Do not use water except as fog	Upper Explosion Limit (% by vol): 6.0
Explosion Sensitivity to Impact: None	Lower Explosion Limit (% by vol): 1.0
Chemical Sensitivity to Static Discharge: N/A	Auto-ignition: N/D
Flashpoint (C) & Method: 43C, TCC	Rate of Burning: N/D
	Explosive Power: N/D

TDG/WHMIS: Non hazardous / B2D2B

REACTIVITY DATA

Chemical Stability: Stable	Incompatible Substances: Strong oxidizing agents
Hazardous Decomposition Product: CO and CO2 are produced on combustion	

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y	Reproductive Effects Y/N: N	Effects of Overexposure: Acute Effects: Inhalation-prolonged vapour exposure may cause headache, dizziness, nausea, central nervous system depression. Vapours are irritating to the eyes. Prolonged contact with skin may cause defatting and drying of the skin. Chronic Effects: None known
Route of Entry - Skin Absorption: N	Carcinogenicity Y/N: N	
Route of Entry - Eye Contact: Y	Mutagenicity Y/N: N	
Route of Entry - Inhalation: Y	Teratogenicity Y/N: N/D	
Route of Entry - Ingestion: Y	TLV: 300 ppm	

PREVENTATIVE MEASURES

Gloves: Impervious gloves	Footwear: Rubber	Clothing: Rubber apron
Eyes: Chemical safety glasses	Respirator: NIOSH approved respirator	Other: None

Recommended Engineered Controls: Local exhaust recommended.	Leak & Spill Procedures: Eliminate sources of ignition. Flush with water to a sanitary sewer.	Waste Disposal Methods: According to federal, provincial and municipal regulations.	Special Handling Procedures: Store in a cool, dry, well ventilated area.
---	---	---	--

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call doctor if in distress.
Ingestion: Get immediate medical attention.
Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Call a physician.
Skin Contact: Wash skin with soap and water. Launder clothing before reuse.

Prep./Revised Date: January 8, 2010	Mailing Address: Esteam Manufacturing Ltd. 3750-19th Street NE Calgary, AB T2E 6V2
Prepared By: R. Russell	
Source Material: Manufacturer's MSDS	
Emergency Response: 1-613-996-6666 (Transport Emergencies)	



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.