

RINSE

ENVIRONMENTALLY RESPONSIBLE CLEANING

Esteam Green-Line Rinse has been developed for the world of environmentally responsible cleaning. This product has been formulated to remove suspended soils and neutralize alkalinity leaving fibres clean, soft and residue free. Green-Line Rinse is phosphate free, VOC free, completely biodegradable and meets or exceeds the environmental choice criteria for green cleaning in today's world.



This product does not contain Phosphates, Solvents, Butyls, (APE's) Alkyl Phenol Ethoxylates or carcinogens and is VOC compliant.

- **Dilution Ratio: 1:64**
- **Diluted pH: 5.0**
- **For use on carpet and wet cleanable upholstery**
- **Neutralizes alkaline residues**
- **Stabilizes dyes and inhibits browning**
- **Prevents resoiling**
- **Biodegradable**
- **Meets specifications for use on stain resistant carpets**

DIRECTIONS FOR USE:

Shake well before using.

Pretest in an inconspicuous location for color fastness and fibre stability.

Green-Line Rinse is a rinse additive designed for use in a prespray and rinse cleaning process. First apply Green-Line Prespray as per label directions, allow dwell time, then rinse with hot water extraction using Green-Line Rinse. For best results vacuum after carpet is dry.

Portable use: Mix 2 oz (60 ml) of Green-Line Rinse per 1 gal (3.78 L) of water in portable solution tank.

Truckmount extractors: Mix 32 oz (944 ml) of Green-Line Rinse into 5 gal (18.9 L) of water to make truckmount concentrate solution. Set chemical metering system at 2 GPH.

NOTE: Do not mix Green-Line Rinse with any other chemical product.



GREEN-LINE



Distributed by:

ESTEAM
GREEN-LINE

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

Product: GREEN-LINE Rinse	Manufacturer: ESTEAM	Flammability: 0
Chem. Name: N/A	Trade Name: Environmentally Responsible Rinse	Reactivity: 0
Chem. Family:	Use: Rinsing solution	Health: 1
		Protection:
NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4		

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Alcohol ethoxylate	68991-48-0	1-5%	LD50>2000 mg/kg (oral rat)	10 mg/m3
Citric Acid	77-92-9	1-5%	LD50 3 gr/kg (oral rat)	

NOTE: All carpet cleaning products introduce substances to the indoor environment, Environmentally Responsible GREEN-LINE Rinse has comparatively reduced risk.

PHYSICAL DATA				Freeze/Thaw
Physical State: Liquid	Boiling Point (C): 100	Solubility in Water: 100%	Evaporation Rate: Approx 1	Stable: Yes
Odor/ Appearance: Clear, mild odour	Freezing Point (C): 0	Ph (undiluted): 4.4	Specific Gravity: Approx 1.0	Percent Volatile (vol): N/D
				Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD		Conditions:
Flammability: N	Hazardous Combustion Products: N/A	Upper Explosion Limit (% by vol): N/A
Means of Extinction: N/A	Lower Explosion Limit (% by vol): N/A	Auto-ignition: N/A
Special Procedures: N/A	Rate of Burning: N/A	Explosive Power: N/A
Explosion Sensitivity to Impact: N/A	TDG/WHMIS: Non hazardous / D2B	
Chemical Sensitivity to Static Discharge: N/A		
Flashpoint (C) & Method: None		

REACTIVITY DATA	Chemical Stability:
Hazardous Decomposition Product: Carbon oxides	Stable
Incompatible Substances: Strong oxidizing agents	

TOXICOLOGICAL PROPERTIES			Effects of Overexposure:
Route of Entry - Skin Contact: Y	Reproductive Effects Y/N: N		Acute Effects: May cause irritation to skin, eyes and mucous membranes.
Route of Entry - Skin Absorption: N	Carcinogenicity Y/N: N		
Route of Entry - Eye Contact: Y	Mutagenicity Y/N: N		Chronic Effects: None known.
Route of Entry - Inhalation: N	Teratogenicity Y/N: N/D		
Route of Entry - Ingestion: Y	TLV: N/D		

PREVENTATIVE MEASURES			
Gloves: Rubber gloves	Footwear: N/A	Clothing: N/A	
Eyes: Safety glasses	Respirator: N/A	Other: N/A	

Recommended Engineered Controls: Use with adequate ventilation.	Leak & Spill Procedures: Flush to a sanitary sewer.	Waste Disposal Methods: According to federal, provincial and municipal regulations.	Special Handling Procedures: Store in a cool, dry place. Keep away from children.
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FIRST AID MEASURES	
Inhalation:	Remove to fresh air
Ingestion:	Drink large amounts of water to dilute.
Eye Contact:	Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.
Skin Contact:	Immediately flush skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: January 15, 2015	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.