

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined

N/A=Not Applicable

Product: POWER CLEAN**Manufacturer:** ESTEAM**Flammability:** 0**Reactivity:** 0**Health:** 1**Protection:****Use:** Carpet cleaning concentrate

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

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Sodium Carbonate	497198	60-80	LD50 4090 mg/kg (oral-rat)	N/A
Dipropylene Glycol Methyl Ether	34590-94-8	1-5	LD50 5135 mg/kg (oral-rat)	100 ppm TWA

PHYSICAL DATA

Physical State:**Odor/ Appearance:** Yellow powder,**Boiling Point (C):** N/A**Freezing Point (C):** N/A**Solubility in Water:** 100 %**Ph (undiluted):** 11.0**Evaporation Rate:** N/A**Specific Gravity:** N/A**Freeze/Thaw****Stable:** Doesn't freeze**Percent Volatile (vol):** N/D**Vapor Pressure:** N/A

FIRE & EXPLOSION HAZARD

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

REACTIVITY DATA

Chemical Stability: Stable**Hazardous Decomposition Product:** None**Incompatible Substances:** Strong acids

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact:	Y
Route of Entry - Skin Absorption:	N
Route of Entry - Eye Contact:	Y
Route of Entry - Inhalation:	Y
Route of Entry - Ingestion:	Y

Reproductive Effects Y/N:	N
Carcinogenicity Y/N:	N
Mutagenicity Y/N:	N
Teratogenicity Y/N:	N
TLV:	N/D

Effects of Overexposure:**Acute Effects:**

May cause irritation to eyes on contact. Dust may be irritating to respiratory system.

Chronic Effects:

Frequent exposure may result in defatting dermatitis.

PREVENTATIVE MEASURES

Gloves: Recommended**Footwear:** N/A**Clothing:** N/A**Eyes:** Chemical Goggles**Respirator:** NIOSH dust mask**Other:** N/A**Recommended Engineered Controls:**
Use with adequate ventilation.**Leak & Spill Procedures:**
Sweep up excess. Flush area with water.**Waste Disposal Methods:**
According to federal, provincial and municipal regulations.**Special Handling Procedures:**
Store in a cool, dry place. Avoid contact with eyes and skin.

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.**Ingestion:** Contact a physician.**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, 2017**Prepared By:** R. Russell**Source Material:** Manufacturer's MSDS**Emergency Response:** 1-613-996-6666 (Transport Emergencies)**Mailing Address:** Esteam Manufacturing Ltd.

3750-19th Street NE Calgary, AB T2E 6V2



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.