

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 9/10/2010

Code: 2180

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor: <b>PowerCat</b>	Emergency Phone: 1-800-255-3924
Address: PO Box 503 Racine WI. 53403	Prepared By: DR
Trade Name: <b>707 CITRUS BLENDED (PC707)</b>	Product Type: Citrus Cleaner/Degreaser

## SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Potassium Hydroxide	1310-58-3	1-5%	None Established	No
Nonionic Surfactant	9016-45-9	1-5%	None Established	No
Sodium Metasilicate	6834-92-0	1-5%	100ppm (TWA);	No
D-limonene	5989-27-5	1-5%	Not Established	No

## SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	212°F	Specific Gravity (H2O=1.0)	1.01 ± 0.005	pH	12.4 ± 0.5
Vapor Pressure (mm Hg)	Not Determined	Vapor Density (Air=1)	Not Determined		
Solubility in water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate (vs. H2O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Clear colored liquid with citrus odor.		

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits	N.A. Upper	Lower
Extinguishing Media	Product is non-combustible. Water Spray(Fog), Dry Chemical; CO2; or Foam may be used where product is stored.			
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
Unusual Fire and Explosion Hazards	None			

## SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong Acids, Strong Oxidizers
Hazardous Decomposition Products	Burning may produce oxides of carbon and other substances.		

## SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms Of Overexposure (Acute)	Direct contact with eyes may cause mild to moderate irritation with local redness and swelling of conjunctiva. Prolonged or repeated skin exposure may cause irritation & drying / defatting of skin . Ingestion may cause irritation of mouth, throat and stomach with possible nausea and vomiting.
Signs and Symptoms of Overexposure (Chronic)	Slight skin absorption hazard. Extensive, prolonged and repeated skin exposure may result in absorption
Medical Conditions Aggravated by Overexposure	An existing dermatitis.
Carcinogen or Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush eyes with water for at least 15 minutes and call a physician immediately.
Skin	Wash affected areas with large amounts of soap and water. If irritation persists call a physician.
Ingestion	Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.
Inhalation	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required under normal use conditions with ventilation sufficient to control vapors/mists below regulatory limits.		
Ventilation Requirements	<input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection	Safety Glasses/Goggles
Protective Gloves	Rubber/PVC	Other Protective Clothing	Normal work clothing covering arms and legs.

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or Spilled	Stop leak if you can do it without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle or proper disposal.
Waste Disposal Methods	Dispose of in an approved waste facility according to Federal, State and local regulations.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage	No special requirements if product is handled according to good manufacturing practices. Keep container closed when not in use. Wash thoroughly after handling. Use with adequate ventilation.
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**DOT Class** Not Regulated

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

**HMIS HAZARD RATING**

HEALTH	2	0 - LEAST
FLAMMABILITY	0	1 - SLIGHT
REACTIVITY	0	2 - MODERATE
PERSONAL PROTECTION	X	3 - HIGH
		4 - EXTREME