

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 5/8/2002

Code: 1137

SECTION 1 - PRODUCT IDENTIFICATION			
Distributor <b>Seventh Generation, Inc.</b>	24-Hour Emergency Phone <b>1-800-255-3924</b>	Refer To Product Code	
Address <b>212 Battery Street, Burlington, VT., 05401-5281</b>			
Trade Name <b>Natural Citrus Cleaner &amp; Degreaser</b>	Product Type <b>Heavy Duty All Purpose Cleaner</b>		
SECTION 2 - INGREDIENTS			
CHEMICAL NAME/Common Name	CAS NO.	PERCENT (optional)	TLV (Source)
Sodium Carbonate	497-19-8		None Established
Nonionic Surfactants (Natural / vegetable based)	Proprietary		None Established
Sodium Citrate	68-04-2		None Established
Preservative	Proprietary		None Established
SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting requirement.			
SECTION 3 - PHYSICAL DATA			
Boiling point (°F.) <b>212°F</b>	Specific Gravity (H <sub>2</sub> O=1.0) <b>1.01 ± 0.005</b>	pH <b>10.2</b>	± <b>0.5</b>
Vapor Pressure (mm Hg) <b>Not Determined</b>		Vapor Density (Air=1) <b>Not Determined</b>	
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. H <sub>2</sub> O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor <b>Clear, colorless liquid with citrus odor.</b>	
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.) °F. <input checked="" type="checkbox"/> None to Boiling <input type="checkbox"/> Flammable Limits <b>N/A</b> Upper Lower			
Extinguishing Media <b>Product is non-combustible. Water Spray (Fog), Dry Chemical; CO<sub>2</sub>; or Foam may be used where product is stored.</b>			
Special Firefighting Procedures <b>Do not enter confined fire-spaces without protective clothing and self-contained air supply.</b>			
Unusual Fire and Explosion Hazards <b>None</b>			
SECTION 5 - REACTIVITY DATA			
Stability <b>Stable</b>		Incompatibility <b>Strong Oxidizers. Do not mix with chlorinated detergents (bleach).</b>	
Hazardous Decomposition Products <b>Burning may produce oxides of carbon and other substances.</b>			
SECTION 6 - HEALTH HAZARD DATA			
Primary Routes of Exposure <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other			
Signs and Symptoms of Overexposure (Acute) <b>Direct contact with eyes may cause mild, transitory irritation with local redness. Ingestion may cause irritation of mouth, throat and stomach with possible nausea and vomiting.</b>			
Signs and Symptoms of Overexposure (Chronic) <b>None currently known.</b>			
Medical Conditions Aggravated by Overexposure <b>None currently known.</b>			
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 <b>Flush eyes with water for at least 15 minutes. If irritation persists, call a physician.</b>			
Skin <b>Wash with large amounts of soap and water. If irritation persists, consult a physician.</b>			
Ingestion <b>Do not induce vomiting. Dilute by drinking plenty of water. Get immediate medical attention.</b>			
Inhalation <b>Not an expected route of exposure. If vapors or mists cause irritation, remove subject to fresh air.</b>			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection <b>Not required.</b>			
Ventilation Requirements <b>Normal</b> <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other		Eye Protection <b>Safety Glasses/Goggles</b>	
Protective Gloves <b>Not Required</b> Other Protective Clothing <b>Not required.</b>			
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken If Released or Spilled <b>Flush small spills to drain in accordance with applicable regulations. Mop, pump or take up large spills with inert absorbent and reclaim for reuse, recycle or proper disposal.</b>			
Waste Disposal Methods <b>Dispose of in an approved waste facility according to Federal, State and local regulations.</b>			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken In Handling and Storage <b>No special requirements if product is handled according to good manufacturing practices. Keep container closed when not in use. DOT Classification : Not Regulated.</b>			

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	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	NA

0 - LEAST  
1 - SLIGHT  
2 - MODERATE  
3 - HIGH  
4 - EXTREME