

**SUBSTITUTED MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 2/1/2007

Code: 5793

**SECTION 1 - PRODUCT IDENTIFICATION**

Distributor: <b>Custom Solutions</b>	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By: LPL
Trade Name: <b>Pummel</b>	Product Type: Industrial Hand Cleaner

**SECTION 2 - INGREDIENTS**

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
D-limonene	5989-27-5		None Established	Not Listed
Nonionic Surfactant (NP-9)	9016-45-9		None Established	Not Listed
Pumice	1332-09-8		0.1 mg/m3	Not Listed
Dimethyl Oxazolidine	51200-87-4		None Established	Not Listed
Water	7732-18-5	Balance	None Established	Not Listed

**SECTION 3 - PHYSICAL DATA**

Boiling point (°F.)	186°F	Specific Gravity (H2O=1.0)	1.06 ± 0.005	pH	6-8 ± 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: Green colored lotion 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 combustible. Dry Chemical; CO2; or Foam may be used where product is stored. Treat as oil fire, DO NOT use				
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	Alkaline materials/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 and prolonged contact with eyes may cause mild, transitory irritation with local redness. Ingestion of large amounts may cause irritation of mouth, throat and stomach with possible nausea and vomiting.				
Signs and Symptoms of Overexposure (Chronic)	Skin: Repeated or prolonged skin exposure may cause defatting, dermatitis and possibly an allergic skin reaction (d-limonene is a sensitizer)				
Medical Conditions Aggravated by Overexposure	None currently known.				
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	Eye irritant. If splashed in eyes, flush eyes with warm water for 15 minutes. If irritation persists, consult a physician.
Skin	Wash with large amounts of soap and water. If irritation persists, consult a physician.
Ingestion	Do not induce vomiting. Dilute by drinking plenty of water. Get immediate medical attention.
Inhalation	None

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection	Not required under normal use conditions.				
Ventilation Requirements	Normal	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other	Eye Protection: Safety Glasses/Goggles
Protective Gloves	Not Required.				
Other Protective Clothing	Not Required.				

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps To Be Taken If Released or	Flush small spills to drain. For large spills - safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with inert material and reclaim into sound containers for 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	Store below 120degrees F (49 degrees C). Do Not Freeze. Keep container closed when not in use. VOC% by weight = 6.2
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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	N/A

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