

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

Date Prepared: 3/1/2007

Code: 1147

**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>Clean N' Safe Degreaser</b>	Product Type: Colloid Cleaner

**SECTION 2 - INGREDIENTS**

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Cocamide DEA	68603-42-9	5-10%	None Established	

**SECTION 3 - PHYSICAL DATA**

Boiling point (°F.)	212°F	Specific Gravity (H2O=1.0)	1.0 ± 0.005	pH	10.2 ± 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 Orange 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 noncombustible. 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/oxidizers. Do not mix with chlorinated detergents (bleach).
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 type="checkbox"/> Skin	<input checked="" type="checkbox"/> Oral	<input type="checkbox"/> Inhalation	<input type="checkbox"/> Other
Signs and Symptoms Of Overexposure (Acute)	Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea and mucousal irritation.				
Signs and Symptoms of Overexposure (Chronic)	None currently known				
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	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 physician.
Ingestion	Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.
Inhalation	Not an expected route of exposure. If vapors or mists cause irritation, remove subject to fresh air.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection	Not required under normal use conditions with good general ventilation. Protect against generated mists/sprayback.				
Ventilation Requirements	N/A	<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	Spills can create an extreme slip hazard. Stop leak if you can do it without risk. Restrict entry to spill area & dike large spills to prevent run off. Mop, pump or take up with inert absorbent & reclaim 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. DOT Classification: Not Regulated.
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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	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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