

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

Date Prepared: 8/13/2008

Code: 8848

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Actiblend Systems	Emergency Phone: 1-800-309-5869
Address: 900 East 103rd Street, Suite D, Chicago, IL 60628	Prepared By: DR
Trade Name: COMPONENT 14 / PART-B	Product Type: Citrus Cleaner/Degreaser

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
D-Limonene	5989-27-5	10-20%	None Established	No
Nonionic Surfactant	9016-45-9	35-50%	None Established	No
				No
				No
				No

SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	above 212°F	Specific Gravity (H2O=1.0)	1.01 ± 0.005	pH	7.0 ± 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 characteristic odor.		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	122 °F.	<input checked="" type="checkbox"/> None to Boiling	Flammable Limits	N/A	Upper	Not	Lower	Determin
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	Acids/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 checked="" 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	Repeated or extened exposure may cause an allergic skin reaction (sensitizer).
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	Aspiration Hazard: Do not induce vomiting or give anything by mouth. Seek immediate medical attention.
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 good general ventilation.		
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	Impervious protective clothing appropriate to minimize contact (ie: boots, apron, faceshield)

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or Spilled	Shut off ignition sources. Stop leak if you can do it without risk. Water spray may reduce vapor. Take up small spills with sand or other inert absorbent material and place into containers for later disposal. Dike ahead of large spills for later 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	WARNING: Combustible liquid. Store in a cool, fire resistant area away from oxidizing materials. Ground all equipment and provide adequate ventilation. Handle all containers carefully. Keep container closed when not in use. Wash thoroughly after handling.
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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
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	X

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