

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

Date Prepared: 3/1/2007

Code: F103

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Custom Solutions	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By: LPL
Trade Name: Foodservice Dishwash	Product Type: Manual Dish Detergent

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Non-hazardous as per 29CFR1910				

SECTION 3 - PHYSICAL DATA

Boiling point (°F.) 212F	Specific Gravity (H2O=1.0) 1.03 ± 0.005	pH 7.0 ± 0.5
Vapor Pressure (mm Hg) Not Determined	Vapor Density (Air=1) Not Determined	
Solubility in water <input type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input checked="" 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 Colored opaque liquid with pleasant 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 carbon monoxide and/or carbon dioxide	

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure <input type="checkbox"/> Eye <input type="checkbox"/> Skin <input 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 may cause irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea
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.
Skin Wash with large amounts of water. If irritation persists, consult a 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 None required	
Ventilation Requirements Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/> Eye Protection Safety Glasses/Goggles if handling large quantities.	
Protective Gloves Not required	Other Protective Clothing Not required under normal use conditions.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or Waste Disposal Methods	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.
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. D.O.T. 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	N/A

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