

SUBSTITUTION DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 3/1/2007

Code: 1571

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: DynaFoam	Product Type: Food Process Cleaner

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Ethanolamine	141-43-5	1-5%	3ppm (TWA); 6ppm	No
Tetrasodium E.D.T.A.	64-02-8	5-10%	None Established	No
Sodium Laureth Sulfate	68585-34-2	1-5%	None Established	No
MEA-Dodecylbenzene Sulfonate	26545-53-9	5-10%	None Established	No
Water	7732-18-5	Balance	None Established	No

SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	212°F	Specific Gravity (H2O=1.0)	1.04 ± 0.005	pH	11.3 ± 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, red colored liquid with no distinct 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 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)	Prolonged or repeated contact of concentrated product with skin or eyes may cause irritation and reddening. Overexposure to generated mists may cause respiratory irritation. Ingestion may cause irritation of mouth, throat, and stomach along with nausea, vomiting and diarrhea.				
Signs and Symptoms of Overexposure (Chronic)	Repeated skin contact may cause persistent irritation or dermatitis.				
Medical Conditions Aggravated by Overexposure	Existing respiratory conditions.				
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. Aspiration hazard. Dilute by drinking plenty of water. Get 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. Specific spray application conditions may require NIOSH/MSHA approved respirator if regulatory limits exceeded (especially confined spaces).				
Ventilation Requirements	Normal	<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: Protective clothing appropriate to minimize contact (ie: boots, apron, face shield) especially where spray back/misting conditions exist.				

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or	Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers 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	Keep container closed when not in use. Wash thoroughly after handling. Avoid contact with skin, eyes, and clothing. Remove soaked clothing and launder before reuse. 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	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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