MATERIAL SAFETY DATA SHEET
DEFOAMER

I. PRODUCT AND MANUFACTURER INFORMATION	
Product name	**DEFOAMER**
Chemical name	Silicone Antifoam Emulsion
Synonyms	NA
CAS number	NA
Manufacturer	Ashburn Chemical Technologies 2911 Rusk Houston, TX 77003
Emergency phone number	713-425-3000
Date of last revision	8/15/06

II. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	% Optional	OSHA PEL	ACGIH TLV	CHEMICAL AND/OR COMMON NAME(S)
No Hazardous Ingredients	NONE				

III. PHYSICAL AND CHEMICAL CHARACTERISTICS	
Boiling point @ 760 mm Hg	212 F
Vapor pressure at 20 °C	ND
Vapor density (air = 1)	ND
Solubility in water	DISPERSIBLE
Appearance and color	CLOUDY WHITE LIQUID
Specific gravity (H_2O = 1.0)	1.00
pH Aqueous	6.8
Freezing Point	30 F
Evaporation rate (butyl acetate = 1)	< 1

IV. FIRE AND EXPLOSION HAZARD DATA			
Combustible/Not combustible	Not combustible		
Flammable/Not flammable	Not flammable		
Pyrophoric/Not pyrophoric	Not pyrophoric		
Explosive/Not explosive	Not explosive		
Flash point (test method)	NA		
Flammable limits (in Air % by volume)	ND	ND	ND
Extinguishing media	Foam carbon dioxide dry chemical		
Special fire-fighting procedures or equipment	Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face SCBA and impervious clothing.		
Unusual fire and explosion hazards	None Known		

ASHBURN
Cut - Clean - Protect

V. REACTIVITY DATA	
Material is stable/unstable	Stable
Conditions to avoid	Inorganic acids and bases
Incompatibility (materials to avoid)	Inorganic acids and bases
Hazardous decomposition or by-products	Carbon monoxide, Misc. organic compounds, some possibly toxic.
Hazardous polymerization will/will not occur	Will not occur

VI. HEALTH HAZARD DATA	
Threshold limit value	
Primary route(s) of entry	
Known Hazards Under 29 CFR 1910.1200	
Mutagenic (genetic defects)	None
Reproductive	None
Systemic	None
Teratogenic (birth defects)	None
Carcinogen listed in:	
NTP (National Toxicology Program)	NO
IARC Monographs	NO
OSHA	NO
Signs and symptoms of exposure	
Inhalation	No hazard expected in normal use.
Skin contact	No hazard expected in normal use.
Eye contact	May cause mild irritation.
Ingestion	May cause irritation.
Emergency first aid procedures	
Inhalation	Remove to fresh air, if not breathing give artificial respiration, if breathing is difficult give oxygen. Call physician.
Skin contact	Immediately flush with water for 15 minutes, remove contaminated clothing. Thoroughly clean articles before reuse. Call physician.
Eye contact	Immediately flush eyes with plenty of water for 15 minutes while holding eyelids open. Call physician.
Ingestion	If swallowed do not induce vomiting unless instructed by a physician. If vomiting occurs spontaneously, keep head below the hips to prevent breathing of vomit into lungs. Call a physician or poison control immediately.
Medical conditions generally aggravated by exposure	None currently known.
Notes to physician	

VII. PRECAUTIONS FOR SAFE HANDLING AND USE		
Steps to take if released or spilled	Soak with inert absorbent, sweep, shovel, or pick up and return to dry clean container.	
Waste disposal method	Dispose of in a manner consistent with local, state, and federal regulations.	
Precautions for handling and storing	Wear Protective clothing and equipment. Avoid prolonged or repeated contact with skin. Use with adequate ventilation.	
Other precautions		
Hazard ratings	NFPA	
Health	0	
Flammability	0	
Reactivity	0	
Personal protection		

VIII. CONTROL MEASURES	
Protective gloves (type and material)	Impervious Gloves
Eye protection	Safety Glasses
Other protective clothing or equipment	
Respiratory protection (specify type)	None normally required.
Ventilation and conditions	
Local	May be required.
Mechanical	General ventilation is usually adequate.
Other	Safety shower, eyewash station, and washing facilities should be readily available
Special	
Work/hygienic practices	Wash hands thoroughly after use and before eating. Wash contaminated clothing before reuse.

IX. ADDITIONAL REGULATORY INFORMATION	
SARA hazard category (Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III)	NONE
Toxic chemical(s) subject to the supplier notification requirements of section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA) and the requirements of 40 CFR part 372	NONE
Ingredient(s) regulated under the Clean Air Act Section 112 hazardous air pollutants and subject to all reporting requirements of CERCLA (Superfund)	NONE

NA – not applicable NR – not reported ND – not determined NE – not established UN – unknown

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