

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 | | | | |
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| 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 ₂ O = 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 | | |

| 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 | |
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| 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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