

# MATERIAL SAFETY DATA SHEET

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DATE OF ISSUE: January, 05, 2006

GENERAL INFORMATION # : 314-647-1888  
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## I-PRODUCT IDENTIFICATION

### DEFOAMER

PRODUCT CODE:

CHEMICAL FORMULATION: SWIMMING POOL DEFOAMER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: FLAMMABILITY: REACTIVITY:  
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - HAZARDOUS INGREDIENTS

| Hazardous Components (Specific Chemical Identity; Common Name (s)) | OSHA PEL | ACGIH TLV | Other Limits |            |
|--|----------|-----------|--------------|------------|
|  |          |           | Recommended  | % optional |
| PETROLEUM DISTILLATES (CAS# 8030306)                               |          | 350ppm    |              |            |

SOLVENT BASED FORMULATION

**Key:** PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit  
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No  
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - PHYSICAL DATA

BOILING POINT (°f): >500°F MELTING POINT: N/A  
VAPOR PRESSURE (mm Hg): N/D SPECIFIC GRAVITY (WATER = 1): 0.859  
VAPOR DENSITY (AIR = 1): N/D VOC CONTENT (% by weight): N/A  
SOLUBILITY IN WATER: INSOLUBLE EVAPORATION RATE (Water = 1): >1.00  
APPEARANCE AND ODOR: LIGHT TO MEDIUM BROWN LIQUID pH: N/A  
CHARACTERISTIC SOLVENT ODOR

## IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): 176°F (TEST METHOD):  
FLAMMABLE LIMITS: N/A UPPER: N/A LOWER: N/A  
EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** FIREFIGHTERS MUST USE FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** USE WATER SPRAY TO COOL FIRE EXPOSED CONTIANERS.  
SOLVENT VAPORS MAY CAUSE FLASHBACK.

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## V - REACTIVITY DATA

|   |  |
|---|--|
| <b>STABILITY:</b>                             | STABLE   |
| <b>INCOMPATIBILITY:</b>                       | STRONG ACIDS AND OXIDIZING AGENTS                      |
| <b>CONDITIONS TO AVOID:</b>                   | NONE   |
| <b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b> | THERMAL DECOMPOSITION MAY YIELD CO AND CO <sub>2</sub> |
| <b>HAZARDOUS POLYMERIZATION:</b>              | WILL NOT OCCUR   |
| <b>CONDITIONS TO AVOID:</b>                   | NONE   |

## VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY INHALATION: SKIN: INGESTION:  
CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?

### EFFECTS OF OVEREXPOSURE

**IF IN EYES:** SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION

**IF ON SKIN:** IRRITATION WITH PROLONGED CONTACT

**IF SWALLOWED:** GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA

**IF INHALED:** RESPIRATORY TRACT IRRITATION, DIZZINESS, WEAKNESS, HEADACHE, NAUSEA, UNCONSCIOUSNESS

### EMERGENCY AND FIRST AID PROCEDURES

**IF IN EYES:** FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES

**IF ON SKIN:** REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE. WASH WITH SOAP & WATER.

**IF SWALLOWED:** CALL PHYSICIAN OR POISON CENTER IMMEDIATELY. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**IF INHALED:** REMOVE PERSON TO FRESH AIR. PERFORM ARTIFICIAL RESPIRATION IF INDICATED. OBTAIN MEDICAL ASSISTANCE

## VII - SPILL AND LEAK PROTECTION

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** VENTILATE AREA AND EXTINGUISH ALL SOURCES OF IGNITION. SOAK UP ON INERT ABSORBENT AND PLACE IN CLOSED CONTAINER FOR DISPOSAL MATERIAL.

**WASTE DISPOSAL METHOD:** CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

## VIII - SPECIAL PROTECTION INFORMATION

**VENTILATION:** Local Exhaust:

Mechanical (General):

Special:

OTHER:

**RESPIRATORY PROTECTION:** USE ADEQUATE VENTILATION. IN AREAS OF HIGH CONCENTRATION, A NIOSH APPROVED RESPIRATOR MUST BE USED.

**PROTECTIVE GLOVES:** RUBBER GLOVES

**EYE PROTECTION:** CHEMICAL GOGGLES OR FACE SHIELD

**OTHER PROTECTIVE EQUIPMENT:** EMERGENCY SHOWER AND EYE WASH STATION

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN A COOL, DRY AREA, AWAY FROM HEAT OR OPEN FLAME. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

**OTHER PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. DO NOT CUT OR WELD ON EMPTY CONTAINERS AS THEY MAY CONTAIN FLAMMABLE RESIDUES.

**WORK/HYGIENIC PRACTICES:** N/A

REVISION DATE: January 05, 2005

Prepared By:

DATE OF ISSUE: January 05, 2005

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