# MATERIAL SAFETY DATA SHEET

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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

Other Limits
Hazardous Components (Specific Chemical Identity; Common Name (s))
OSHA PEL ACGIHTLV 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

 $\textbf{EXTINGUISHING MEDIA:} \ \textbf{FOAM, CARBON DIOXIDE, DRY CHEMICAL}$ 

**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

**STABILITY:** STABLE

**INCOMPATIBILITY:** STRONG ACIDS AND OXIDIZING AGENTS

CONDITIONS TO AVOID: NONE

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: THERMAL DECOMPOSITION MAY YIELD CO

AND CO<sub>2</sub>

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: 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** 

 $\textbf{IF IN EYES:} \ \text{FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES } \\ \textbf{IF ON SKIN:} \ \text{REMOVE CONTAIMINATED CLOTHING AND LAUNDER BEFORE RE-USE.} \ WASH WITH SOAP \& \\ \textbf{AND LAUNDER BEFORE RE-USE.} \\ \textbf{WASH WITH SOAP } \\ \textbf{WAS$ 

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 ADIQUATE 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

**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

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