

MATERIAL SAFETY DATA SHEET

DEFOAM 3142

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SECTION 1 **MANUFACTURER INFORMATION**

HYDRO-ZONE, INC.
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(800) 424-9300

SECTION 2 **PRODUCT IDENTIFICATION**

PRODUCT NUMBER.....3142
TRADE NAME OR CHEMICAL NAME.....Defoam 3142
SYNONYMS.....NA
CHEMICAL FAMILY.....Oil Base Defoamer
NFPA- HEALTH HAZARD.....1
 FIRE HAZARD.....1
 REACTIVITY HAZARD.....0
NFPA SCALE.....4= EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT
KEY.....NA= Not Applicable NF= Not Determined

SECTION 3 **HAZARDOUS IDENTIFICATION**

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>% WT.</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>SEC. 313</u>	<u>CARCINOGEN?</u>
NA	NA	NA	NA	NA	NA	NA

SECTION 4 **SHIPPING DATA**

D.O.T. PROPER SHIPPING NAME.....NA
D.O.T. HAZARD CLASS.....Not regulated
D.O.T. LABELS REQUIRED.....NA
UN/NA I.D. NUMBER.....NA
PACKAGING GROUP.....NA
NON-BULK SHIPPING NAME.....Compound, Defoaming
BULK SHIPPING NAME.....Compound, Defoaming

SECTION 5 **PHYSICAL DATA**

BOILING/ FREEZING POINT @ 760 mmHg.....450°F/ <32°F
pH.....8.5 -- 9.5
VAPOR PRESSURE mmHg @ 20°C.....<1 mm Hg @ 80°F.
VAPOR DENSITY (Air=1).....>1 (Air=1)
PERCENT VOLATILE BY WEIGHT (%).....0
SPECIFIC GRAVITY @ 80°F.....0.85 to 0.89
SOLUBILITY IN WATER.....Dispersible
EVAPORATION RATE.....<0.01 (Butyl Acetate=1)
APPEARANCE AND ODOR.....Opaque, off-white to tan to pale green liquid dispersion.

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SECTION 6 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (PENSKEY-MARTEN C.C.).....>300°F
AUTOIGNITION TEMPERATURE.....NA
FLAMMABILITY LIMITS IN AIR (% V).....NA
EXTINGUISHING MEDIA.....Alcohol type foam, dry chemical or water spray to extinguish fire.
SPECIAL FIRE FIGHTING PROCEDURES.....Firefighters should wear NIOSH/ MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.
UNUSUAL FIRE & EXPLOSION HAZARDS.....When water has evaporated, the residue will burn. Drums heated by fire can rupture due to pressure buildup.

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY.....Stable
Conditions To Avoid.....NA
CHEMICAL INCOMPATIBILITY.....Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS.....None
HAZARDOUS POLYMERIZATION.....Will Not Occur

SECTION 8 HEALTH HAZARD DATA

SKIN CONTACT.....Occasional brief contact with the liquid is not expected to result in significant irritation. Prolonged or repeated contact may irritate and cause dermatitis.
EYE CONTACT.....Slightly irritating but does not injure eye tissue.
INHALATION.....Irritating to eyes and respiratory tract in high concentrations. Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.
INGESTION.....Minimal toxicity. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

SECTION 9 EMERGENCY AND FIRST AID PROCEDURES

SKIN.....Remove contaminated clothing and flush exposed skin with soap and water. If irritation persists or develops, get medical attention. Launder contaminated clothing before reuse.
EYES.....Immediately flush eyes with large amounts of water for 15 minutes and seek medical attention if irritation persists.
INGESTION.....First aid is normally not required. If symptoms develop, get prompt medical attention.
INHALATION.....First aid is not likely to be required. If symptoms develop, remove individual to fresh air and get medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

SECTION 10 ENVIRONMENTAL DATA

SPILL OR LEAK PROCEDURES.....Dike and reclaim as much spilled material as possible. Cover spill residue with absorbent material and shovel into closable containers. Do not flush away to sewers or any natural waterways.
WASTE DISPOSAL METHOD.....Incinerate or landfill in accordance with federal, state and local regulations.
HAZARDOUS WASTE 40CFR261.....NA
CONTAINER DISPOSAL.....Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse or disposal in accordance with governmental regulations.

SECTION 11 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....Respirator not required with most applications.
VENTILATION.....Local exhaust is generally sufficient to minimize exposure.
PROTECTIVE CLOTHING.....Chemical resistant gloves, apron, boots---as necessary, to prevent skin contact.
EYE PROTECTION.....Chemical goggles or safety glasses.
OTHER PRECAUTIONS.....Safety shower and eyewash fountains should be easily accessible.

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SECTION 12

SUPPLIER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. The data on this sheet relates only to the specific material designated herein. Manufacturer assumes no legal responsibility for use or reliance upon this data.