

Material Safety Data Sheet

Effective Date: 18-AUG-2011  
Product: Fire-Zone

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I. IDENTIFICATION  
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Chemical Name: Burndown Adjuvant  
Chemical Family: Surfactant  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: None required

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II. PHYSICAL DATA  
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Boiling Point: >400 Degrees F.  
Freezing Point: <10 Degrees F.  
Spec Gravity: 0.94 gms/ml  
Vapor Pressure: Not determined  
Vapor Density: Not determined  
Solubility: Negligible  
Volatiles: Not determined  
Evaporation: Not determined  
Melting Point: Not applicable  
Appearance: Clear, amber liquid with aromatic odor.

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III. INGREDIENTS  
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Material	CAS Number	Percent	TLV	Hazard
Methylated Seed oil (MSO), Polyethoxylated aliphatics, and phosphorated polyethoxylated alkanoates.		100.00	N/E	Skin, eye & respiratory irritant.

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IV. FIRE AND EXPLOSION HAZARD  
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Flash Point: >200 Degrees F.  
Autoignition Temp: >800 Degrees F.  
Flammable Limit: Not determined  
Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide extinguishing agents.  
Special Fire Fight Proc: Do not use straight streams of water to fight fire involving this product. Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire-exposed containers and surfaces.  
Fire and Expl Hazard: Emits oxides of carbon, smoke and fumes under fire conditions.

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V. HEALTH HAZARD  
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Carcinogen Information: See Carcinogen Note, Section IX.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Harmful if swallowed. Product may be aspirated and cause lung damage. No Acute Oral LD50 established but, based on ingredients, believed to be minimally toxic.

Skin Absorption: Harmful if absorbed through the skin. No Acute Dermal LD50 established but, based on ingredients, believed to be minimally toxic.

Inhalation: Harmful if inhaled. Avoid breathing spray mist. May be irritating to the nose, throat and lungs. No Inhalation LC50 established.

Skin contact: Avoid contact with the skin. Repeated exposure may cause skin dryness and cracking.

Eye Contact: Causes moderate eye irritation. Avoid contact with eyes.

Chronic Effects: Headache, dizziness, drowsiness and other effects may occur from excessive exposure to vapor or spray mists.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: Call a poison control center or doctor immediately for treatment advice. Sip a glass of water if able to swallow. Do not induce vomiting. Do not give anything by mouth to an unconscious person.

Skin: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice.

Notes to Physician: In the event of an adverse response, treatment

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should be directed toward control of the symptoms and the clinical condition of the patient.  
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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: Avoid open flames and high energy ignition sources.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Avoid contact with nitric acid, sulfuric acid and strong oxidizers.  
Hazardous Combustion: May emit oxides of carbon and incomplete combustion products under fire conditions.  
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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: Absorb small spills with earth, sand or non-combustible material. Collect and transfer to suitable containers for proper disposal. Recover standing liquid by pumping and reuse as intended. May be subject to oil spill reporting requirements.  
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.  
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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: When exposed to excessive vapors or spray mist, use half-face air-purifying respirator.  
Ventilation: General and/or local exhaust should be sufficient.  
Gloves: Chemical-resistant gloves.  
Eyes: Safety glasses with side shields.  
Other: Eyewash station, emergency shower and oil-resistant footwear.  
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IX. SPECIAL PRECAUTIONS  
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Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not

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contaminate water supplies, lakes, streams or ponds. Spills may be subject to reporting requirements under the Clean Water Act.  
Other precaution: Carcinogen Note: This product contains petroleum distillates which consist of solvent naphtha. Naphthalene caused cancer in laboratory animal studies but the relevance of these findings to humans is uncertain.  
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X. SHIPPING INFORMATION

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Shipping name: Not regulated by DOT. See Transportation Note below.  
Hazard Class: None  
Identification No: None  
Labels Required: None required.  
Placarding: None  
Freight Class: Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)  
Chemical Name Equivalent R.Q.  
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Not applicable Not applicable

TRANSPORTATION NOTE:

For shipments by vessel (IMDG) or air (IATA), or bulk shipments by ground, ship as:  
UN3082, Environmentally Hazardous Substance, Liquid, n.o.s. (methyl-naphthalenes), 9, PG III, Marine Pollutant  
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XI. GENERAL PRODUCT INFORMATION

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National Fire Protection Association Rating:  
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N  
Sudden Release of pressure: N Fire: N  
Reactive: N

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