

Material Safety Data Sheet

Effective Date: 08-MAR-2013
Product: Contingent

I. IDENTIFICATION

Chemical Name: Enhanced Esterified Seed Oil Adjuvant
Chemical Family: Burndown Adjuvant
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: >400 Degrees F.
Freezing Point: <10 Degrees F.
Spec Gravity: 0.94 g/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.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Methylated Seed Oil (MSO), C10-C12 Aromatic Hydrocarbons, Polyethoxylated aliphatic amines, and phosphorolated polyethoxylated Tridecyl alkanols.		100.00	N/E	Skin, eye & respiratory irritant.

IV. FIRE AND EXPLOSION HAZARD

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.

Material Safety Data Sheet

Effective Date: 08-MAR-2013
Product: Contingent

Fire and Expl Hazard: Emits oxides of carbon, smoke and fumes under fire conditions.

V. HEALTH HAZARD

Carcinogen Information: See Carcinogen Note, Section IX.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Harmful if swallowed. Product may be aspirated and cause lung damage. No Acute Oral LD50 established but, based on ingredients, this product is believed to be minimally toxic.
Skin Absorption: Harmful if absorbed through skin. No Acute Dermal LD50 established but, based on ingredients, this product is 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 has been determined.
Skin contact: Avoid contact with 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

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, continuing for 15 to 20 minutes. Call a poison control center or physician 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.

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

Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient. Product contains petroleum distillates which pose an aspiration hazard if swallowed or if vomiting occurs.

VI. REACTIVITY

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.

VII. SPILL OR LEAK PROCEDURES

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 - consult local regulations.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

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.

Material Safety Data Sheet

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Eyes: Safety glasses with side shields.
Other: Eyewash station, emergency shower and oil-resistant footwear.

IX. SPECIAL PRECAUTIONS

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 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.

X. SHIPPING INFORMATION

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.

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

XI. GENERAL PRODUCT INFORMATION

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

Health: 1 Fire: 1 Reactivity: 0

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18-MAR-2013 10:49:37
Page 5 Of 5

Material Safety Data Sheet

Effective Date: 08-MAR-2013
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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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