

Material Safety Data Sheet

Effective Date: 10-SEP-2002

Product: LINEMAN

I. IDENTIFICATION

Chemical Name: Petroleum Based Deposition Agent  
Chemical Family: Spray Adjuvants  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: Exempt

II. PHYSICAL DATA

Boiling Point: Not determined  
Freezing Point: Not determined  
Spec Gravity: 0.881 gms/cc  
Vapor Pressure: <0.0001 mm/Hg  
Vapor Density: >5 (air=1)  
Solubility: Nil  
Volatiles: Nil  
Evaporation: 1000x Slower (Ethyl Ether=1)  
Melting Point: Not applicable  
Appearance: Colorless liquid with slight petroleum odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
C(20)-C(25) Aliphatics, Alkanolamides, Polyethoxylated Glucitol, Glucitol Alkanoates, and Polyethoxylated Alkyl Phosphate Esters		100.00	N/E	Mild skin & eye irritant

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >300 Degrees F.  
Autoignition Temp: >600 Degrees F. (est.)  
Flammable Limit: Not determined  
Extinguishing Media: Use water spray, regular foam, dry chemical, and  
carbon dioxide extinguishing media.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and  
full protective clothing. Avoid getting water  
from fire fighting into domestic or irrigation  
water supplies.  
Fire and Expl Hazard: Can be made to burn. Containers may rupture  
violently if overheated. After fire is

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controlled, avoid handling containers until  
they have returned to ambient temperatures.  
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V. HEALTH HAZARD  
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Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Practically non-toxic if ingested. Pulmonary aspiration hazard - may be harmful or fatal if swallowed and/or vomiting occurs because material can enter the lungs causing damage.  
Skin Absorption: This formulation is believed to be acutely non-toxic if absorbed through skin.  
Inhalation: This formulation is believed to exhibit low acute toxicity if vapors or mists are inhaled.  
Skin contact: May cause moderate skin irritation with prolonged or repeated contact.  
Eye Contact: This formulation is considered minimally irritating with eye contact.  
Chronic Effects: Symptoms of overexposure may include headache, nausea, weakness, and confusion.  
Other Hazard: May aggravate pre-existing medical conditions, such as skin disorders or respiratory, pulmonary, lung disorders (e.g. - asthma).

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: Do not induce vomiting. Seek immediate medical attention.  
Skin: Wash skin thoroughly with soap and water. If irritation develops, consult a physician.  
Inhalation: Move to fresh air. If breathing becomes difficult, seek medical attention.  
Eyes: Flush eyes with water for at least 15 minutes, holding eyelids wide open. If irritation develops, consult a physician.  
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. Although practically non-toxic, may be harmful or fatal if ingested and vomiting occurs. This can cause lung damage and/or pulmonary aspiration hazard.

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VI. REACTIVITY

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Stability: Stable  
Conditions to Avoid: None currently known.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Avoid contact or storage with strong oxidizers.  
Hazardous Combustion: May produce carbon monoxide and asphyxiants  
under fire conditions.  
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VII. SPILL OR LEAK PROCEDURES

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Spill or Leak Proc: Dike and contain. If uncontaminated, collect  
and reuse material. If contaminated, absorb  
with clay, sand or sawdust. Place in a  
chemical waste container for proper disposal.  
Use caution as spill area will be quite  
slippery.  
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: Respiratory protection usually not needed  
unless heated or misted.  
Ventilation: General (mechanical) room ventilation should be  
sufficient.  
Gloves: Chemical resistant gloves, such as PVC.  
Eyes: Chemical workers goggles.  
Other: Emergency shower, eyewash station, impervious  
apron, and 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  
contaminate water supplies, lakes, streams, or  
ponds. Keep containers closed when not in use.  
Do not store near heat, sparks, flames, or  
strong oxidizers.  
Other precaution: Empty container will retain residues (liquids  
and/or vapors) which can be dangerous. Do not  
pressurize, weld, braze, solder, drill, or  
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10-SEP-2002 11:56:08  
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 10-SEP-2002  
Product: LINEMAN

grind on empty containers. Keep containers,  
empty or full, away from sources of ignition  
such as heat, flame, sparks, or static  
electricity.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA, or IMDG.  
Hazard Class: None  
Identification No: None  
Labels Required: None required  
Placarding: None  
Freight Class: Adhesives, Adjuvants, Spreaders or Stickers,  
Liquid, NOIBN (NMFC Item 4610, Class 60)

Chemical Name Equivalent R.Q.

Not applicable Not applicable

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

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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