

FIBER MARKETING INTERNATIONAL

EROSION CONTROL PRODUCTS

SAFETY DATA SHEET

Eco E-Tac™

Effective Date: June 1, 2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: *Eco E-Tac™*
CHEMICAL NAME/SYNONYM: Soil and Mulch Binder
Polymer CAS No. 2508-02-3 Residual monomers including Acrylamide, maximum 0.05%

MANUFACTURER: Apex Resources Inc.
ADDRESS: 5546 Shepherdsville Road
Louisville, KY 40228

EMERGENCY PHONE: Telephone: (502) 964-7521
Emergency Telephone: (800) 426-6002
Website: www.apexr.com

RECOMMENDED USE: Dust Control

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview: We have researched the wide variety of tackifiers available to bring you the best, highest quality, natural tackifier for bonding mulch fibers together. Safe, effective and consistent for performance in the tank and on the ground. *Eco E-Tac™* is a premium, polyacrylamide tackifier for bonding hydro mulch or straw/hay tacking or for dust and erosion control on flat sites. *Eco E-Tac*. Is biodegradable and Non-Toxic. *Eco E-tac™* meets ANSI/NSF Standard 60 for drinking water treatment. *Eco E-Tac™* will bind together the various components of hydro mulch and create a good environment for seed germination. It is easy to use and apply.

OSHA HAZARD CLASSIFICATION: WOOD DUST – Category 3

OSHA HAZARD PICTOGRAM:



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

H320: Dust may cause eye irritation from prolonged exposure.
H335: Dust may cause respiratory irritation from prolonged exposure.

PRECAUTIONARY STATEMENTS:

P202: Do not handle until all safety precautions have been read and understood.
P232: Protect from moisture to avoid congealing.
P261: Avoid breathing dust. Use face mask.
P302+P352+P333: If on the skin, wash with plenty of water. If skin irritation or a rash occurs get medical attention.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to remove – continue rinsing. If irritation continues get medical attention.

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PRECAUTIONARY STATEMENTS: (cont.)

P370+P378: In case of fire use foam or water to extinguish. **Caution: Guar is extremely slippery** as a liquid.
P391+P501: Collect spillage and use or dispose of contents/container in accordance with local regulations.
P402: Store in a dry place or under cover. Avoid getting the product wet.

Other hazards which do not result in classification: None

CAS #.....9000-30-0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Polymer CAS No#.....2508-02-3
Residual monomers including Acrylamide.....Maximum 0.05%
OSHA PEL.....N/A
ACGIH TLV.....N/A other limits recommended
Irritant.....Eye
% (optional).....Major
SARA section 313 reportable toxic chemicals.....None

SECTION 4: FIRST AID MEASURES

Eyes & Skin: Flush thoroughly with water
Inhalation: Move to source of fresh air
Ingestion: Seek medical advice

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point.....Greater than 400 °C
Flammable limits:
LEL.....N/A
UEL.....N/A
Extinguisher media.....Any available extinguisher
Unusual fire and explosion.....N/A
Special firefighting procedures.....N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Contain. Thoroughly collect spilled granular material. Flush residuals to the drain for normal biological treatment. Use caution. Spilled material in contact with water creates very slippery conditions.

SECTION 7: HANDLING AND STORAGE

Precautions to be taken in handling & storage: Handle as an irritant. Do not get into eyes. Avoid prolonged skin contact. Avoid inhalation of dust forms. Do not ingest. Use caution. Spilled material in contact with water creates very slippery conditions.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection.....For dusty conditions use a nuisance dust mask
Ventilation:
Local exhaust.....Ensure dust is removed
Special.....Not required
Other.....N/A
Mechanical.....Recommend
Eye protection.....Safety glasses
Protective gloves.....Impervious neoprene or rubber
Other protective clothing or equip.....Shoes, apron or other as needed to prevent prolonged skin contact
Work/Hygienic practices.....Wash thoroughly after handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point.....N/A
Appearance.....White granular solid

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Odor.....Mild acrylic odor
Specific gravity.....H2O = 1 N/A, bulk density
Melting point.....N/A
Evaporation rate.....Less than 1
Vapor pressure.....N/A
Solubility in water.....Forms viscous liquid; limited solubility. Max est. 2%
Vapor density air = 1.....N/A

SECTION 10: STABILITY AND REACTIVITY

Stability.....Stable
Conditions to avoid.....N/A
Incompatibility.....N/A
Hazardous decomp or by-products.....Thermal decomposition; oxides of carbon and nitrogen
Hazardous polymerization.....Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry:

Inhalation.....Yes
Ingestion.....No
Skin.....No

Health Hazards (acute and chronic): Contact with the eyes will cause irritation. Prolonged/repeated skin contact may cause irritation/dry skin.

Carcinogenicity:

NTP.....No
LARC monographs.....No
OSHA regulated.....No

Signs and symptoms of exposure: reddening, swelling of infected area with possible itching, burning or other discomfort.

Medical conditions generally aggravated by exposure: Existing cuts, rashes, allergies or other sensitive areas.

SECTION 12: ECOLOGICAL INFORMATION

Health Hazards (acute and chronic): Contact with the eyes will cause irritation. Prolonged/repeated skin contact may cause irritation/dry skin.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate or other approved method for disposal of unadulterated product as a non-hazardous waste.

SECTION 14: TRANSPORT INFORMATION

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precaution for user: Not applicable
Transport in bulk: Not applicable

SECTION 15: REGULATORY INFORMATION

SARA 302 Components: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313 Components: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 311/312 Hazards: None

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm

SECTION 16: OTHER INFORMATION

Information presented herein has been compiled from sources considered dependable and is accurate and reliable to the best of our knowledge and belief, but it is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any patents or in violation of any laws or regulations. It is the user's responsibility to determine the suitability of any material for a specific purpose and adopt necessary safety precautions. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.