



Economy[®]

POLYMERS & CHEMICALS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ECOPOL-RK
CHEMICAL NAME: CATIONIC POLYSACCHARIDE MIXTURE
DATE OF REVISION: OCTOBER 10, 2006

For Chemical Emergency (Spill, Leak, Fire, Exposure or Accident)
CALL CHEMTREC Day or Night 800-424-9300
For International, Call 703-527-3887 (Collect Calls Accepted)

INGREDIENTS

CHEMICALLY MODIFIED POLYSACCHARIDE

PROPERTIES:

Appearance	white solid powder/flakes	Solubility in water at 20 ^o C	complete
Odor	Odorless	Specific gravity	550-650 kg/m ³
PH (1.0% solution)	8.5-10.5		

TOXICITY HAZARD RATING: Nontoxic

OSHA Hazardous Rating: Non Hazardous

HMIS Labeling: (Health, Flammability, Reactivity): 1, 0, 0

SARA Title III Classification: Exempt: Not listed as a toxic chemical under 40 CFR section 372.65.

FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Extinguishing Media- Water, foam, CO₂

Special Fire Fighting Procedures: Good Housekeeping is best preventative

Unusual Fire and Explosion Hazards- Excessive dusts from powder products are potentially hazardous. Avoid excessive dusting, open flames, open lights, or welding in area of dry product if bag dumping. Incomplete thermal decomposition may produce carbon dioxide and carbon monoxide.

REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Excessive dusting

Hazardous Polymerization- Will not occur.

HEALTH HAZARD DATA/FIRST AID PROCEDURES

Route(s) of Entry: Inhalation: May cause allergic respiratory reaction in susceptible individuals

Ingestion: ND, Eye: May cause irritation, Skin: non-irritating

Carcinogenicity: None

Economy
Polymers & Chemicals

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Signs and Symptoms of Exposure: No harm under most conditions

Medical Conditions Aggravated by Exposure: Inhalation of "nuisance" dusts have a long history of little adverse effect on lungs. May irritate mucous membranes.

Emergency and First Aid Procedures:

EYE: immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek prompt medical attention.

SKIN: PROMPTLY WASH SKIN WITH SOAP AND WATER. WASH CLOTHING BEFORE REUSE.

INHALATION: Remove to fresh air, if irritation persist, seek medical attention.

INGESTION: do not induce vomiting, in general, no treatment is necessary unless large quantities are ingested. However, medical advice should be obtained.

PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken if Material is Released or Spilled: Sweep up or shovel into DOT approved containers.

Waste Disposal Method: Comply with all applicable local, state and federal regulations for waste disposal.

Department of Transportation (DOT) Classification- N/A, non-hazardous.

Precautions to Be Taken in Handling and Storing: Avoid dust accumulations. Best storage is realized at dry, cool conditions. Store in an odor-free area. Store away from heat sources. Do not expose to open flame or sparks.

Other Precautions: Enforce "No Smoking Rules". Excessive concentrations of nuisance dusts in workroom air may seriously reduce visibility.

CONTROL MEASURES

Respiratory Protection: Use NIOSH/OSHA approved mask when bag dumping. **Eye Protection:** Recommended

Ventilation- Use local exhaust as needed to maintain airborne exposure.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Use protective equipment, sweep up and remove, avoid creating or inhaling dust.

Product is very slippery when wet.

Waste disposal method: If not contaminated, reuse product, get approval from landfill operator and transport to sanitary landfill

IF PRODUCT BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE

THE INFORMATION WHICH IS IN THIS DOCUMENT IS BASED UPON AVAILABLE DATA AND BELIEVED TO BE CORRECT, HOWEVER, THE PRODUCT DISCUSSED HEREIN IS SOLD WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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