

EXCEL Industries

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Company contact: BOB EITER

Emergency contact: CHEMTREC

Emergency Phone Number: (800)424-9300

USE ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL,
LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

IDENTIFICATION

Product Name: REDI-SET
CAS Number: 68424-07-7
Formula Identification: Amorphous Polymer
Chemical Family: Calcium Lignosulfonate

Synonyms:

HMIS Hazard Rating- Health: 0 Negligible
Fire: 0 Negligible
Reactivity: 0 Negligible
PPE: B

Special Hazards: NONE

HAZARDOUS CHEMICAL COMPONENTS

NONE KNOWN

PHYSICAL DATA

Boiling Point: 104°C
Melting Point: -2°C
Vapor Pressure: 14.2 mm Hg. @20°C
Vapor Density (Air=1): 1.21@20°C
Specific Gravity: 1.2190 @ 25°C
pH (3% solution): 8
Percent Volatiles by Weight: 60 (water)
Bulk Density (g/ml): N/A
Solubility in Water: 100%
Evaporation Rate: Normal 0.4 (water)
Appearance: BROWN LIQUID Odor: SLIGHT LIGNIN

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FIRE FIGHTING & EXPLOSION DATA

Flash Point: N/A
Autoignition: N/AV°F
Flammable Limits in Air, % by Vol.: N/A
Fire and Explosion Hazards: NONE KNOWN

Extinguishing Media: Foam/water Fog/dry Chemical as for surrounding fire.

Special fire fighting instructions:

wear NIOSH/MSA approved self-contained breathing apparatus and full protective gear as for surrounding fire.

EXPOSURE AND EFFECTS

Threshold Limit Values: OSHA PELV: None Established
ACGIH TLV: None Established

TESTS TO DETERMINE ACUTE ORAL TOXICITY TO RATS PRODUCED NO DEATHS FROM WHICH AN LD50 COULD BE DETERMINED.

Carcinogen Listing - NPT/IRAC: Not a Carcinogen

Primary Routes of Exposure: Inhalation; Skin & Eye contact; Indigestion

FIRST AID -

Inhalation: Remove to fresh air. If breathing has stopped, institute artificial respiration. Consult physician.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing. If symptoms persist consult physician.

Eyes: Rinse eyes thoroughly with water for at least 15 minutes. Consult physician.

Ingestion: DO NOT INDUCE VOMITING. Dilute with water, contact physician.

HEALTH CONDITIONS AGGRAVATED BY EXPOSURE

Material has a very low toxicity.

REACTIVITY & POLYMERIZATION

Stability: STABLE

Incompatible Materials: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Sulfur Dioxide, Carbon Dioxide and Carbon Monoxide.

Hazardous Polymerization: WILL NOT OCCUR

MATERIAL SAFETY DATA SHEET

SPILL, LEAK, & DISPOSAL PROCEDURES

Spill Response: Mechanically collect and remove spilled material. Area may be washed with water.

Neutralizing Chemicals: NONE REQUIRED

Waste Disposal Methods: Incinerate, bury or flush to sewer following applicable regulations.

SPECIAL PROTECTIVE MEASURES

Ventilation: Use with adequate Ventilation

Respiratory Protection: Full Respiratory protection program recommended.

SPECIAL PRECAUTIONS - STORAGE & HANDLING

Store in a cool, dry area. Keep containers tightly closed. Keep from freezing.

SHIPPING INFORMATION

Proper Shipping Name: DOT: Lignin Liquor - Class 55

Hazard Class: DOT: Not Restricted

Hazard Class: IATA: Not Restricted

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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