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SIGMA CHEMICAL CO -- AMERLITE RESIN CHLORIDE FORM MACROPOROUS TYPE, IRA900 -- 6810-01-014-1027

========== Product Identification ==========

Product ID:AMERLITE RESIN CHLORIDE FORM MACROPOROUS TYPE, IRA900
MSDS Date:01/01/1999
FSC:6810
NIIN:01-014-1027
Status Code:A
MSDS Number: CJSTF
=== Responsible Party ===
Company Name:SIGMA CHEMICAL CO
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Info Phone Num
:314-771-5765
Emergency Phone Num:314-771-5765
CAGE:21076
=== Contractor Identification ===
Company Name:SIGMA CHEMICAL COMPANY
Address:3050 SPRUCE ST
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Phone:314-771-5765
CAGE:21076

========== Composition/Information on Ingredients ==========

Ingred Name:AMBERLITE RESIN CHLORIDE FORM MICROPOROUS TYPE
CAS:9050-97-9
Other REC Limits:N/K
OSHA PEL:N/K
OSHA STEL:N/K
ACGIH TLV:N/K
ACGIH STEL:N/K

========== Hazards Identif

ication ==========

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. CAUSES EYE AND SKIN IRRITATION. TO THE BEST OF MANUFACTURER' S KNOWLEDGE, THE CHEMICAL, PHYSICAL, ANDTOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
Effects of Overexposure:SEE HEALTH HAZARDS.

========== First Aid Measures ==========

First Aid:INGESTION: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A P HYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN
UTES. ASSURE ADEQUATE
FLUSHING BY SEPARATING T HE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

========== Fire Fighting Measures ==========

Autoignition Temp:=426.7C, 800.F
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER, WATER SPRAY.
Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

========== Accidental Release Measures ==========

Spill Release Procedures:WEAR NIOSH APPROVED RESPIRATOR, CHEMICAL SAFETY
GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL P ICKUP IS COMPLETE.

========== Handling and Storage ==========

Handling and Storage Precautions:DO NOT BREATHE VAPOR. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. IRRITANT. KEEP CONTAINER CLOSED. STORE IN A COOL DRY PLACE. DRY IRON EXCHANGE RESINS EXPAND WHEN WETTED, WHICH MAY CAUSE COLUMN TO SHATT ER.

========== Exposure Controls/Personal Protection ==========

Respiratory Protection:NIOSH APPROVED RESPIRATOR.
Ventilation:MECHANICAL EXHAUST REQUIRED.
Protective Gloves:COMPATIBLE CHEMICAL-RESISTANT GLOVES.
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER .
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
PHYSICAL/CHEMICAL PROPERTIES: PH: 5-9 AQUEOUS SLURRY.

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========== Physical/Chemical Properties ==========

Vapor Pres:17 MM @ 20C
Vapor Density: