

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: