

SIGMA CHEMICAL COMPANY -- STRONTIUM CHLORIDE HEXAHYDRATE ACS REAGENT, --  
6810-00-569-6612

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

Product ID:STRONTIUM CHLORIDE HEXAHYDRATE ACS REAGENT,

MSDS Date:12/19/1988

FSC:6810

NIIN:00-569-6612

MSDS Number: BLPFP

=== Responsible Party ===

Company Name:SIGMA CHEMICAL COMPANY

Box:14508

City:ST. LOUIS

State:MO

ZIP:63178

Country:US

Info Phone Num:800-325-3010/FAX 800-3

25-5052

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:STRONTIUM CHLORIDE, HEXAHYDRATE; (STRONTIUM CHLORIDE  
HEXAHYDRATE ACS REAGENT)

CAS:10025-70-4

RTECS #:WK8575000

===== Hazards Identification =====

LD

50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY BE HARMFUL BY INHALATION,  
INGESTION, OR SKIN ABSORPTION. MAY CAUSE IRRITATION. EXPOSURE CAN  
CAUSE STOMACH PAINS, VOMITING AND DIARRHEA.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:WASH OUT MOUTH WITH WATER IF PERSON IS CONSCIOUS. CALL  
MD. SKIN:FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15  
MINUTES. REMOVE CONTAMIANATED CLOTHING AND SHOES AND CALL MD.  
EYE:FLUSH WITH C OPIOUS AMOUNTS OF WATER FOR AT LEAST 15MINUTES.  
ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS.  
CALL MD. INHAL:REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,  
CALL MD.

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

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER,  
ALCOHOL OR POLYMER FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. SWEEP UP, PLACE IN  
A BAG AND HOLD FOR WASTE DISPOS  
AL. AVOID RAISING DUST. VENTILATE

AREA AND WASH SPILL SITE AFTER MATERIAL PICK UP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:MECHANICAL

EXHAUST REQUIRED.  
Protective Gloves:CHEMICAL RESISTANT GLOVES.  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:PROTECTIVE CLOTHING.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1  
Appearance and Odor:WHITE CRYSTALS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NO  
NE SPECIFIED BY MANUFACTURER.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:TOXIC FUMES OF STRONTIUM OXIDE, HCL  
GAS.

===== Disposal Considerations =====

Waste Disposal Methods:DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE  
SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN  
AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE, AND LOCAL  
LAWS.

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