

SMITH, G FREDERICK CHEMICAL CO -- SODIUM CHLORATE, REAGENT -- 6810-00-262-8587

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Product Identification
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Product ID: SODIUM CHLORATE, REAGENT

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00-262-8587

MSDS Number: BDQCX

=== Responsible Party ===

Company Name: SMITH, G FREDERICK CHEMICAL CO

Address: 867 MCKINLEY AVE

Box: 23214

City: COLUMBUS

State: OH

ZIP: 43223

Country: US

Info Phone Num: 614-881-5501

Emergenc

y Phone Num: 614-881-5501

CAGE: KO952

=== Contractor Identification ===

Company Name: GFS CHEMICAL INC

Address: 3041 HOME RD

Box: 23214

City: POWELL

State: OH

ZIP: 43065

Country: US

Phone: 740-881-5501

CAGE: 77964

Company Name: SANCHEZ & ASSOCIATES

Address: 476 WEST FOGG STREET

Box: 1649

City: COLTON (MAY BE OUT OF BUSINESS !)

State: CA

ZIP: 92324

Country: US

Phone: 714-370-3921/FAX 824-0341 ALL WRONG#

CAGE: 0HF19

Company Name: SMITH, G FREDERICK CHEMICAL CO

Address: 867 MCKINLEY AVE

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City: COLUMBUS

State: OH

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CAGE:KO952

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Composition/Information on Ingredients
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Ingred Name:SODIUM CHLORATE
CAS:7775-09-9
RTECS #:FO0525000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 12 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:
EYE, SKIN & RESPIRATORY TRACT
IRRITATION. CHRONIC: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE
SKIN IRRITATION AND MAY RESULT IN AN ALLERGIC SKIN REACTION.
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION.
Medical Cond Aggravated by Exposure:NONE

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First Aid Measures
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First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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Fire Fighting Measures
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Extinguishing Media:USE WATER

FOG, OR WATER.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:UNSTABLE AT ELEVATED TEMPERATURES. CONTACT WITH ORGANIC MATERIALS MAY CAUSE FIRE.

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

Spill Release Procedures:SMALL SPILL: WASH UP THOROUGHLY WITH WATER. DISPOSE WITH PLENTY OF WATER TO SANITARY DRAIN.

Neutralizing Agent:WEAK SOLUTION OF BISULFITES.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:STORE AWAY FROM ORGANIC MATTER, FLAMMABLES, STRONG ACIDS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION

EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Eq

uipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS.

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

HCC:D1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:

M.P/F.P Text:478F,248C

Spec Gravity:2.5

Solubility in Water:COMPLETE

Appearance and Odor:WHITE CRYSTALLINE POWDER, ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, REDUCING AGENTS, AND ORGANIC MATTER.

Stability Condition to Avoid:HIGH HEAT, UNSTABLE AT HIGH TEMPERATURES.

Hazardous Decomposition Products:HYPOCHLORITE, OXYGEN AND/OR CHLORINE.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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