

GURTLER CHEMICALS INC. -- LAUNDRY SOUR (FLUORIDATED) -- 7930-00-252-0509

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Product Identification  
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Product ID:LAUNDRY SOUR (FLUORIDATED)

MSDS Date:05/01/1989

FSC:7930

NIIN:00-252-0509

MSDS Number: BHDDJ

=== Responsible Party ===

Company Name:GURTLER CHEMICALS INC.

Address:15475 SOUTH LA SALLE STREET

City:SOUTH HOLLAND

State:IL

ZIP:60473

Country:US

Emergency Phone Num:312-331-2550

Prepare

r's Name:MIKE JACOBS

CAGE:0CA58

=== Contractor Identification ===

Company Name:GURTLER CHEMICALS INC

Address:15475 S LASALLE ST

Box:City:SOUTH HOLLAND

State:IL

ZIP:60473

Country:US

Phone:708-331-2550

CAGE:0CA58

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Composition/Information on Ingredients  
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Ingred Name:DISODIUM SILICO FLUORIDE

CAS:16893-85-9

RTECS #:VV8410000

Fraction by Wt: 85.0%

OSHA PEL:2.5 MG/M3 (F)

ACGIH TLV:2.5 MG/M3 (F); 8990

Ingred Name:SODIUM CHLORIDE

CAS:7647-14-5

RTECS #:VZ4725000

Fraction by

Wt: 15.0%  
ACGIH TLV:NONE

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: IRRITATION TO THE NOSE,  
THROAT, MUCOUS MEMBRANE & LUNGS. COUGHING & DIFFICULT BREATHING.  
PROLONGED EXPOSURE TO EXCESSIVE CONCENTRATION OF FLUORIDE COMPOUNDS  
MAY CAUSE FLUORIDE POISON. SKIN : IRRITATION BURNING. EYES: SEVERE  
IRRITATIO  
N, REDNESS & PAIN. INGESTION: GASTROIN., IRRI WITH NAUSEA  
& VOMITING  
Effects of Overexposure:SEE ABOVE

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

First Aid:EYE: FLUSH WITH WATER 15 MIN. GET MEDICAL ATTN. SKIN: REMOVE  
CONTAMINATED CLOTHING AND SHOES. WASH EXPOSED AREAS WITH SOAP AND  
WATER. GET MEDICAL ATTN. FOR IRRITATION OR BURNS. AND INHALATION:  
REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED,GIVE ARTIFICIAL  
RESPIRATION. GET MEDICAL ATTENTION. AND  
INGESTION: GET MEDICAL  
ATTENTION IMMEDIATELY

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

Flash Point:NONE  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:DOES NOT BURN OR SUPPORT COMBUSTION. USE APPLICABLE  
EXTINGUISHING MEDIA TO COMBAT SURROUNDING FIRE  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH  
APPROPRIATE APPAREL AND NIOSH APPROVED RESPIRATORS  
Unusual Fire/Explosion Hazard:IN PRESENCE OF WATER, THE SALT MAY REACT  
WITH CERTAI  
N METALS AND LIBERATE HYDROGEN, A FLAMMABLE GAS

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

Spill Release Procedures:SWEEP/SHOVEL INTO CONTAINERS FOR REUSE OR  
DISPOSALWEAR PROTECTIVE CLOTHING & NIOSH APPROVED RESPIRATORS WHEN  
CLEANING ANY SPILLS. FLUSH RESIDUAL WITH COPIOUS AMOUNTS OF WATER.  
NOTIFY PROPER AUTHOR- ITIES  
Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:KEEP CO

CONTAINER CLOSED. STORE IN DRY  
AREA. POISONOUS IF TAKEN INTERNALLY. AVOID BREATHING DUST/PROLONGED  
SKIN CONTACT  
Other Precautions:DO NOT STORE NEAR FOOD. KEEP OUT OF THE REACH OF  
CHILDREN.

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

Respiratory Protection:U.S. BUREAU OF MINES APPROVED NIOSH/MSHA  
APPROVED DUST RESPIRATOR  
Ventilation:LOCAL EXHAUST RECOMMENDED TO REDUCE DUST LEVELS BELOW TLV  
Protective Gloves:RUBBER  
Eye Protection:CHEMICAL GOGGLES  
Other Protective Equipment:RUBBER APRONS  
Supplemental Safety and Health  
NK

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

Boiling Pt:B.P. Text:NA  
Melt/Freeze Pt:M.P/F.P Text:NA  
Decomp Temp:Decomp Text:NA  
Vapor Pres:NA  
Vapor Density:NA  
Spec Gravity:2.755  
pH:3.0  
Evaporation Rate & Reference:NA  
Solubility in Water:.7% @ 20 C  
Appearance and Odor:ODORLESS WHITE POWDER  
Percent Volatiles by Volume:NA  
Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES  
ALKALIES, CYANIDES, ACTIVE METALS (ALUMINUM, MAGNESIUM, BLEACHES  
Stability Condition to Avoid:EXTREME HEAT  
Hazardous Decomposition Products:HYDROGEN FLUORIDE GAS. HYDROGEN GAS  
FROM REACTION WITH ABOVE METALS

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

Waste Disposal Methods:IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL  
LAWS, REGULATIONS OR GUIDELINES

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