

GARDINIER INC -- SODIUM SILICOFLUORIDE -- 6810-00-059-9069

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Product Identification
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Product ID:SODIUM SILICOFLUORIDE

MSDS Date:06/11/1986

FSC:6810

NIIN:00-059-9069

MSDS Number: BMWFV

=== Responsible Party ===

Company Name:GARDINIER INC

Address:41 SOUTH & RIVERVIEW DR

Box:3269

City:TAMPA

State:FL

ZIP:33601-3269

Country:US

Info Phone Num:813-677-9111

Emergency Phone Num:813-677-9111, 800-424-9300

Preparer's Name:MARK HAKE

CAGE:44282

=== Contractor Identification ===

Company Name:GARDINIER INC

Address:41 SOUTH & RIVERVIEW DR

Box:3269

City:TAMPA

State:FL

ZIP:33601-3269

Country:US

Phone:813-677-9111, 800-424-9300

CAGE:44282

Company Name:SANLO PRODUCTS CO

Address:100 ,MANHATTAN AVE SUITE 103

City:UNION CITY

State:NJ

ZIP:07087

Country:US

Phone:201-348-1684/800-424-9300(CHEMTREC)

CAGE:0K5U0

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Composition/Information on Ingredients
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Ingred Name:SODIUM SILIC

OFLUORIDE
CAS:16893-85-9
RTECS #:VV8410000
Fraction by Wt: 99.5%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- HIGHLY IRRITATING AND TOXIC BY
INHALATION AND INGESTION. LARGE DOSES CAN CAUSE NAUSEA,
VOMITING,CICULATORY AND RESPIRATORY PROBLEMS. CHRONIC-SCLEROSIS,
PULMONARY FIBROSIS.
Effects of Overexposure:MAY PRODUCE SIGNS OF FLUOROSIS SUCH AS WEIGHT
LOSS, BRITTLNESS OF BONES, ANEMIA, WEAKNESS AND STIFFNESS OF
JOINTS. INTERNAL BLEEDING MAY DEVELOP., NAUSEA, DIRRHEA, VOMTING,
ABDOMINAL PAIN, BREATHING DIFFICULTY, COUGHING, SKIN IRRITATION.
Medical Cond Aggravated by Exposure:RESPIRATORY DISEASES INCLUDING
ASTHMA AND EMPHYSEMA.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF NEEDED.

EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES HOLDING EYELIDS
OPEN. GET MEDICAL HELP IMMEDIATELY. SKIN:WASH WITH SOAP & WATER.
INGESTION:INDUCE VO MITING. IF CONSCIOUS,DRINK SEVERAL GLASSES OF
WATER OR MILK. IN ALL CASES, SEEK MEDICAL HELP.

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

Flash Point:NON- COMBUSTIBLE
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
F
ULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HYDROGEN FLUORIDE GAS, SODIUM OXIDE AND FLUORINE.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND BREATHING
APPARATUS. ISOLATE SPILL AREA. CAREFULLY VACUUM UP OR SHOVEL
MATERIAL AND PLACE IN CLEAN DRY CONTAINER AND COVER. AVOID RAI

SING
DUST.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-STORE IN A COOL DRY PLACE,AWAY FROM ACIDS. USE ONLY WITH ADEQUATE VENTILATION.

Other Precautions:DO NOT RAISE DUST. KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING DUST OR MIST. PROTECTIVE CLOTHING SHOULD ALWAYS BE WORN. IN FIRE, IT WILL DECOMPOSE, RELEASING HIGHLY TOXIC HYDROGEN FLUORIDE GAS.

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

Respiratory Protection:USE NIOSH APPROVED DUST RESPIRATOR. SELF CONTAINED BREATHING APPARATUS MAY BE REQUIRED WHEN DEALING WITH SPILLS OR WHEN HEATED TO DECOMPOSITION.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:GOGGLES

Other Protective Equipment:EYE WASH STATION,SAFETY SHOWER, IMPERVIOUS CLOTHING (COVERALL, BOOTS, ETC.)

Work Hygienic Practices:

PROTECT OPEN WOUNDS. WASH HANDS AFTER EACH USE.

Supplemental Safety and Health

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

HCC:T4

Spec Gravity:2.67

Solubility in Water:0.44% @ 0C

Appearance and Odor:WHITE, CRYSTALLINE POWDER, ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:EXTREME TEMPERATURES SUCH AS FIRE

Hazardous Decomposition Products:SODIUM OXIDE

, HYDROFLUORIC ACIDS AND
FLUORINE.

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

Waste Disposal Methods:DISPOSAL SHOULD BE SUBJECT TO ALL APPLICABLE
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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