

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

Product ID:SODIUM SILICOFLUORIDE TECHNICAL

MSDS Date:01/01/1985

FSC:6810

NIIN:00-978-7201

MSDS Number: BGBHW

=== Responsible Party ===

Company Name:KAISER CHEMICALS

Emergency Phone Num:213-404-2782

CAGE:MO428

=== Contractor Identification ===

Company Name:KAISER ALUMINUM AND CHEMICAL SALES INC

Box:City:OAKLAND

State:CA

Country:US

CAGE:81684

Company Name:K

AISER CHEMICALS

CAGE:MO428

===== Composition/Information on Ingredients =====

Ingred Name:DISODIUM SILICO FLUORIDE

CAS:16893-85-9

RTECS #:VV8410000

Fraction by Wt: 100%

OSHA PEL:2.5 MG/M3 (F)

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

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

Effects of Overexposure:GASTRO-INTESTINAL SYMPTOMS.IRRITATION OF
EYES,SKIN,& MUCONS MEMBRANES.

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

First Aid:SKIN &

EYES:FLUSH WITH WATER FOR 15 MIN.CALL

DOC.INGESTION-INDUCE VOMITING.GIVE SUBSTANCE WITH HIGH CALCIUM
CONTENT,E,G,MILK,EGG WHITES PN H*2O,LIME WATER,WEAK CALCIUM
CHLORIDE,CALL A MD.INHALATION RE MOVE TO FRESH AIR.CALL A MD.

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

Extinguishing Media:NONE

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA

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

Spill Release Procedures:ELIMINATE IGNITION S

SOURCES. STOP LEAK.

EVACUATE AREA.DO NOT TOUCH SPILLAGE. SM SPILL:ABSORB W. INERT
ABSORBENT. PLACE IN CLOSED CONTAINER. FLUSH AREA W. WATER. LG.
SPILL:DIKE AHEAD FOR LATER DISPOSAL. NOTIFY AUTHORITIES.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENT,LOW FIRE
RISK AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT.
KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:WASH ALL CONTAMINATE
D CLOTHING BEFORE REUSE.

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

Respiratory Protection:NIOSH/MSHA APPROVED DUST RESPIRATOR.

Ventilation:LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES

Other Protective Equipment:FULL FACE SHLD;FULL PROT. CLTHG/BOOTS;
COVERALLS; PROT.APRON

Supplemental Safety and Health

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

HCC:T3

Boiling Pt:B.P. Text:DECOMPOSES

Sp

ec Gravity:2.679.

Solubility in Water:0.75 %

Appearance and Odor:WHITE,CRYSTALLINE,ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

STR MNL ACIDS, ORG ACIDS, OXID AGTS, RED. AGTS, STR ALK.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &
DISPOSE IN FULL COM

PLIANCE WITH ALL APPLICABLE
INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

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