

ANACHEMIA CANADA INC -- SODIUM FLUORIDE -- 6810-00-871-0551

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Product Identification
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Product ID:SODIUM FLUORIDE

MSDS Date:09/11/1996

FSC:6810

NIIN:00-871-0551

MSDS Number: CGMWN

=== Responsible Party ===

Company Name:ANACHEMIA CANADA INC

Address:500 2ND AVE

City:VILLE ST. PIERRE QUE CAN H8R 1M3

Country:CN

Info Phone Num:514-489-5711

Emergency Phone Num:514-489-5711

CAGE:36842

=== Contra

ctor Identification ===

Company Name:ANACHEMIA CANADA

Address:255 NORMAN H8R 1A3

Box:City:VILLE ST. PIERRE (MONTREAL)

State:PQ

Country:CN

Phone:514-489-5711;518-297-4444

CAGE:36842

Company Name:CHEM SCIENTIFIC INC

Address:1250 WASHINGTON ST

Box:City:NORWOOD

State:MA

ZIP:02062

Country:US

Phone:781-440-0900

CAGE:0X801

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Composition/Information on Ingredients
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Ingred Name:SODIUM FLUORIDE (CERCLA)

CAS:7681-49-4

RTECS #:WB0350000

Fraction by Wt: 60- 100%

Other REC Limits

:NONE RECOMMENDED
OSHA PEL:2.5 PPM (F)
ACGIH TLV:2.5 MG (F)/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) 57 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:HEART, LIVER, CNS,
KIDNEYS, EYES, SKIN. ACUTE- TOXIC. CAUSES EYE BURNS. CAUSES SEVERE
SKIN IRRITATION/BURNS.
MAY BE FATAL IF INHALED/INGESTED/ABSORBED
THROUGH SKIN. EXTREMELY DESTRUCTIVE TO MUCOUS MEMBRANES. VERY
TOXIC BY INGESTION. CHRONIC- FLUOROSIS, FRAGILE BONES, ANEMIA,
TOOTH & KIDNEY DAMAGE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:BURNS, SEVERE IRRITATION, PAIN, TEARING,
NAUSEA, VOMITING, DIARRHEA, WEIGHT LOSS, WEAKNESS, STIFFNESS OF
JOINTS, LOSS OF APPETITE, LOSS OF VISION, FEVER, DEATH
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED CNS, KIDNEY OR RESPIRATORY
FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:SEEK IMMEDIATE MEDICAL ATTENTION. EYE/SKIN:IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:MOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, WASH OUT
MOUTH WITH WATER. DRINK SEVERAL GLASSES OF WATER & INDUCE
VOMITING. NEVER GI
VE FLUID OR INDUCE VOMITING IF PATIENT IS
UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. MAY FORM
TOXIC/

CORROSIVE GASES.

Unusual Fire/Explosion Hazard:FORMS HAZARDOUS DECOMPOSITION PRODUCTS.
CONTAINER MAY RUPTURE.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. AVOID
MAKING DUST. RECOVER FOR REUSE IF NOT CONTAMINATED. SWEEP UP AND
PLACE IN A SUITABLE CONTAINER FOR DISPOSAL. WASH SPILL SITE WELL
WITH WATER AFTER PICK UP IS COMPLETE.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE
AWAY FROM INCOMATIBLES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:AVOID CREATING DUST. DO NOT GET IN EYES, ON SKIN OR
ON CLOTHING. AVOID INHALATION OF DUST OR FUME. KEEP OUT OF REACH OF
CHILDREN, OBEY HAZARD WARNING LABEL. FOR LABORATORY USE ONLY. NOT
FOR DRUG, FOOD OR HOUSEHOLD USE. DO NOT INGEST.

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

Res

piratory Protection:NONE SHOULD BE NEEDED IN NORMAL LABORATORY
HANDLING. IF DUSTY CONDITIONS PREVAIL, WORK IN A FUME HOOD OR WEAR
A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK. IN EMERGENCY, WEAR
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS.

Protective Gloves:RUBBER, NEOPRENE, PVC

Eye Protection:SAFETY GOGGLES/CHEMICAL SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PRO
TECTIVE

CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR
DRINKING.

Supplemental Safety and Health

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:3092F,1700C

Melt/Freeze Pt:M.P/F.P Text:1819F,993C

Spec Gravity:2.58 - 2.78

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solub

ility in Water:4% @ 15C/59F

Appearance and Odor:WHITE CRYSTALS OR POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ACIDS, ALKALIS, GLASS, OXIDIZING AGENTS, ALUMINUM

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:MAY FORM HYDROGEN FLUORIDE, FLUORINE
AND SODIUM OXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE

WITH LOCAL, STATE AND

FEDERAL REGULATIONS. REPORTABLE QUANTITY (RQ): 1000 POUNDS. CAN BE
DANGEROUS IF ALLOWED TO ENTER DRINKING WATER INTAKES. DO NOT
CONTAMIANTE LAKES, STREAM S, PONDS OR RIVERS.

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