

ECONOMICS LABORATORY,INC. -- SPEARHEAD -- 7930-00-119-9356

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Product Identification
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Product ID:SPEARHEAD

MSDS Date:08/27/1985

FSC:7930

NIIN:00-119-9356

MSDS Number: BBBLK

=== Responsible Party ===

Company Name:ECONOMICS LABORATORY,INC.

City:ST. PAUL

State:MN

ZIP:55102

Country:US

Info Phone Num:1-612-293-2233

Emergency Phone Num:1-800-328-0026

CAGE:5G570

=== Contractor Identification ===

Company Name:ECOLAB PROFESSIONAL PRODUCTS DIVISION OF ECOLAB INC.

Address:ECOLAB CENTER

Box:City:ST PAUL

State:MN

ZIP:55102

Country:US

Phone:800-352-5326

CAGE:85884

Company Name:ECONOMICS LABORATORY INC

Address:370 WAFASHA ST

City:ST PAUL

State:MN

ZIP:55102

Phone:(612) 293-2233

CAGE:5G570

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Composition/Information on Ingredients
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Ingred Name:SODIUM METASILICATE

CAS:6834-92-0

RTECS #:WC1400000

Fraction by Wt: 20%

Ingred Name:DISODIUM SILICO FLUORIDE

CAS:16893-85-9

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TECS #:VV8410000

Fraction by Wt: 5%

OSHA PEL:2.5 MG/M3 (F)

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

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Medical Cond Aggravated by Exposure:CAUSES SEVERE CHEMICAL BURNS TO SKIN. EYE CONTACT MAY CAUSE BLINDNESS. HARMFUL OR FATAL IF SWALLOWED. CAUSES CHEMICAL BURNS OF MOUTH,THROAT AND STOMACH. INHALATION DAMAGES AIRWAYS AND LUNGS.

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===== First Aid Measures =====
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First Aid:IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL RUNNING WATER FOR 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY! FLUSH SKIN FOR 15 MINUTES.REMOVE CONTAMINATED CLOTHING AND SHOES. IF SWALLOWED,RINSE MOUTH AT ONC E,THEN DRINK 1 OR 2 LARGE GLASSES OF WATER OR MILK. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN IMMEDIATELY.IF INHALED,MOVE IMMEDIATELY TO FRESH AIR

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===== Fire Fighting Measures =====
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Fire Fighting Procedures:PRODUCT DOES NOT SUPPORT COMBUSTION

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===== Accidental Release Measures =====
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Spill Release Procedures:PICK UP WITHOUT RAISING DUST. FLUSH AREA WITH WATER.

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===== Handling and Storage =====
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Handling and Storage Precautions:KEEP PRODUCT DRY. DO NOT STORE IN WET, MOIST AREAS.

Other Precautions:INHALING OR SWALLOWING SMALL AMOUNTS OF SODIUM SILICOFLUORIDE OVER A LON

G TIME CAN PRODUCE FLUOROSIS,WHICH SHOWS UP AS MOTTLED TEETH,OR BONE BRITTLINESS.

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

Respiratory Protection:AVOID MISTING CONDITIONS OR DUSTS.

Ventilation:VENTILATE AS APPROPRIATE FOR CONDITIONS

Protective Gloves:RUBBER GLOVES-PROTECTIVE CUFF/GUANTLET

Eye Protection:SPLASHPROOF GLASSES,GOGGLES,FACESHIELD

Other Protective Equipment:AVOID CONTACT WITH USE SOLUTIONS OF THIS PRODUCT,AS THESE MAY ALSO BE HAZARDOUS.

Supplemental

Safety and Health

INHALATION EFFECTS CAN VARY,DEPENDING ON AMOUNT AND DURATION OF EXPOSURE. EFFECTS VARY FROM SLIGHT IRRITATION TO BRONCHITIS TO PNEUMONIA. PEOPLE WITH ASTHMA OR OTHER LUNG PROBLEMS MAY BE MORE SUSCEPTI BLE.

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

pH:.3%=11

Solubility in Water:YES

Appearance and Odor:GREEN GRANULAR POWDER,NO SPECIFIC ODOR

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

Stability Indicator/Materials

to Avoid:YES

ACIDS

Stability Condition to Avoid:REACTS VIOLENTLY WITH ACIDS

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

Waste Disposal Methods:CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE.

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