Material Safety Data Sheet

COMMON NAME (Used on Label, Trade Name & Synonym)

BLUE

MANUFACTURER
ORENDA / PALM
1175-B Zonolite Rd., NC
Atlanta, GA. 30306

EMERGENCY PHONE NUMBER
1-(800) 255-3924
OTHER INFORMATION
(404)249-9458

February 28, 1996
DATE PREPARED

SIGNATURE OF PERSON RESPONSIBLE FOR PREPARATION

SECTION 1 - IDENTITY

CHEMICAL NAME: N/A
CHEMICAL FAMILY: Fluorosilicate blend

FORMULA: Granular - Laundry Sour.

SECTION 2 - HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENTS

1. Sodium Fluorosilicate 16893-85-9
   (ACGIH-TWA) 2.5 mg/m³
   (ACGIH-TLV) 10 mg/m³, c. total dust

2. Monosodium Phosphate Anhydrous 7558-80-75-10

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion)

BOILING POINT: N/A
SOLUBILITY IN WATER: T 50 parts in 100 parts of water
APPEARANCE AND ODOR: White, Free flowing powder / slight fragrance
FLAMMABLE LIMITS IN AIR % BY VOLUME: NA
FLAMMABILITY: 0
SPECIAL FIRE FIGHTING PROCEDURES: N/A
早期, If spilled in fire areas, flush with water to avoid slipperiness.

SPECIFIC GRAVITY (H₂O = 1): 2.679
SPECIFIC GRAVITY (AIR = 1): N/A
VAPOR DENSITY: N/A
VAPOR PRESSURE (mm Hg): N/A
EVAPORATION RATE (ETHER = 1): N/A
REACTIVITY IN WATER: None
EXTINGUISHER MEDIA: N/A
AUTO-IGNITION TEMPERATURE: N/A
SECTION 4 - PHYSICAL HAZARDS

CONDITIONS TO AVOID

STABILITY
UNSTABLE
STABLE X

INCORPORABILITY
Avoid contact with strong acids & alkalies - could cause hydrogen fluoride gas.

HAZARDOUS DECOMPOSITION PRODUCTS
Temperatures above 500° C will cause decomposition & formation of Nitrogen Oxides.

HAZARDOUS POLYMORPHIZATION
MAY OCCUR
CONDITIONS TO AVOID
None

X

SECTION 5 - HEALTH HAZARDS

THRESHOLD LIMIT VALUE
2.5 mg./m³ as fluoride

SIGNS AND SYMPTOMS OF EXPOSURE
1. ACUTE EXPOSURE
Fluoride dust may cause irritation to eyes and respiratory tract

2. CHRONIC EXPOSURE
No effect anticipated.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
None known

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN
YES
NO X

NATIONAL TOXICOLOGY PROGRAM
YES X
NO

I.A.R.C. MONOGRAPHS
YES
OSHA
YES

OSHA PERMISSIBLE EXPOSURE LIMIT
2 mg/m³

AGGHH THRESHOLD LIMIT VALUE
2 mg/m³

OTHER EXPOSURE LIMIT USED
None

EMERGENCY AND FIRST AID PROCEDURES

1. INHALATION
Remove to fresh air; if breathing difficulty persists, get medical attention.

2. EYES
In case of contact, flush with generous amounts of clean water for 15 minutes. If irritation persists, get medical attention.

3. SKIN
In case of contact, flush with plenty of clean water for 15 minutes. If irritation persists, get medical attention.

4. INGESTION
If swallowed, NO NOT INDUCE VOMITING. Drink large quantities of clean water to dilute. Get medical attention immediately.

SECTION 6 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFIC TYPE)
Use NIOSH approved respirator where dust, mist, or spray may be generated.

VENTILATION
Adequate
MECHANICAL (GENERAL)
Not Required
SPECIAL
None
OTHER
None

PROTECTIVE GLOVES
Rubber
EYE PROTECTION
Goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Not Required

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep in dry storage

OTHER PRECAUTIONS
Keep container closed when not in use.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
If spilled, sweep up and deposit in nearest waste container.

WASTE DISPOSAL METHODS
To dispose of, check with federal, state, and local regulations.