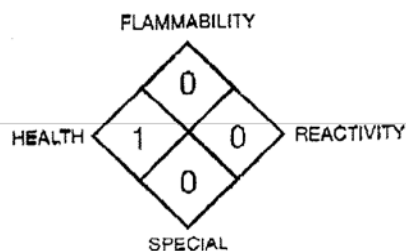


# Material Safety Data Sheet

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

## BLUE



0 = Insignificant  
1 = Slight  
2 = Moderate  
3 = High  
4 = Extreme  
Special :

### MANUFACTURER

**ORENDA / PALM**  
1175-B Zonolite Rd., NE  
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

CAS No.

OSHA/PEL

ACGIH/TLV

- |                                   |               |  |
|-----------------------------------|---------------|--|
| 1. Sodium Fluorosilicate          | 16893-85-9    | (ACGIH-TWA) 2.5 mg/m <sup>3</sup>                    |
| 2. Monosodium Phosphate Anhydrous | 7558-80-75-10 | (ACGIH-TLV/TWA) 10 mg. / m <sup>3</sup> c total dust |

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

BOILING POINT N/A

SPECIFIC GRAVITY (H<sub>2</sub>O = 1) 2.679.

VAPOR PRESSURE ( mm Hg) N/A

PERCENT VOLATILE BY VOLUME (%) 0

VAPOR DENSITY (AIR = 1) N/A

EVAPORATION RATE (ETHER = 1) N/A

SOLUBILITY IN WATER T 50 parts in 100 parts of water

REACTIVITY IN WATER None

APPEARANCE AND ODOR White, Free flowing powder / slight fragrance

FLASH POINT 0

FLAMMABLE LIMITS IN AIR % BY VOLUME LOWER N/A UPPER N/A

EXTINGUISHER MEDIA N/A

AUTO-IGNITION TEMPERATURE N/A

SPECIAL FIRE FIGHTING PROCEDURES N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS

If spilled in fire areas, flush with water to avoid slipperiness.

**SECTION 4 - PHYSICAL HAZARDS**

CONDITIONS TO AVOID None

STABILITY UNSTABLE ☐ STABLE ☒

INCOMPATIBILITY (MATERIALS TO AVOID) Avoid contact with strong acids &amp; alkalis - could cause hydrogen fluoride gas.

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

HAZARDOUS POLYMERIZATION MAY OCCUR ☐ WILL NOT OCCUR ☒ CONDITIONS TO AVOID None**SECTION 5 - HEALTH HAZARDS**THRESHOLD LIMIT VALUE 2.5 mg. / m<sup>3</sup> as fluoride

SIGNS AND SYMPTOMS OF EXPOSURE

1. ACUTE OVEREXPOSURE Fluoride dust may cause irritation to eyes and respiratory tract

2. CHRONIC OVEREXPOSURE No effect anticipated.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE None known

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NATIONAL TOXICOLOGY PROGRAM YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	I.A.R.C. MONOGRAPHS YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	OSHA YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
OSHA PERMISSIBLE EXPOSURE LIMIT 2 mg/m <sup>3</sup>	AGGIH THRESHOLD LIMIT VALUE 2 mg/m <sup>3</sup>	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	LOCAL EXHAUST 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.