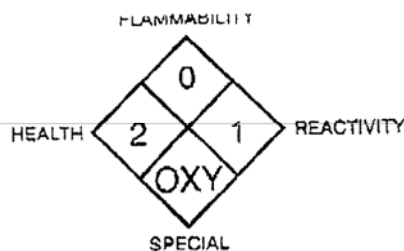


Material Safety Data Sheet

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

NOVA



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

(800)255-3924 /CHEM-TEL
OTHER INFORMATION
(404)249-9458

March 1, 2000

DATE PREPARED

SIGNATURE OF PERSON RESPONSIBLE FOR PREPARATION

SECTION 1 - IDENTITY

CHEMICAL NAME: N/A

CHEMICAL FAMILY: Blend of Surfactants with Alkaline Builders and Oxidizers.

FORMULA

Granular - Laundry Detergent with Alkaline Builders and Oxidizers.

SECTION 2 - HAZARDOUS INGREDIENTS

| PRINCIPAL HAZARDOUS COMPONENTS | CAS No. | OSHA/PEL | ACGIH/TLV |
|-----------------------------------|------------|---------------------------|---------------------------|
| 1. Sodium Metasilicate, Anhydrous | 6834-92-0 | 2 mg. / m ³ c | 2 mg. / m ³ c |
| 2. Sodium Carbonate | 497-19-8 | 10 mg. / m ³ c | 10 mg. / m ³ c |
| 3. Sodium Percarbonate | 15630-89-4 | Not Established | Not Established |
| 4. Nonionic Surfactant | 9016-45-9 | 3.31 g/kg (rat) | 3 g/kg (rat) |

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

| | | | | | |
|------------------------------------|---|---|---------------------|------------------------------|------|
| BOILING POINT | N/A | SPECIFIC GRAVITY (H ₂ O = 1) | 50lbs./cu.ft. | 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 25 parts in 100 parts of water | | | REACTIVITY IN WATER | None |
| APPEARANCE AND ODOR | White, Free flowing, granular powder / soap odor | | | | |
| FLASH POINT | 0 | FLAMMABLE LIMITS IN AIR % BY VOLUME | LOWER N/A UPPER N/A | EXTINGUISHER MEDIA | N/A |
| SPECIAL FIRE FIGHTING PROCEDURES | N/A | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | If spilled in fire areas, flush with water to avoid slipperiness. | | | | |
| | | | | AUTO-IGNITION TEMPERATURE | N/A |

SECTION 4 - PHYSICAL HAZARDS

CONDITIONS TO AVOID None

STABILITY UNSTABLE ☐ STABLE ☒

INCOMPATIBILITY (MATERIALS TO AVOID) Prolonged contact with aluminum, tin, lead, and zinc may produce flammable Hydrogen Gas.

HAZARDOUS DECOMPOSITION PRODUCTS None

HAZARDOUS POLYMERIZATION MAY OCCUR ☐ WILL NOT OCCUR ☒ CONDITIONS TO AVOID None**SECTION 5 - HEALTH HAZARDS**THRESHOLD LIMIT VALUE 2 mg. / m³C (as NaOH)

SIGNS AND SYMPTOMS OF EXPOSURE

1. ACUTE OVEREXPOSURE Corrosive to eyes, skin, mucus membranes of respiratory tract, mouth, throat, esophagus, and stomach.

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 type="checkbox"/> NO <input checked="" 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 | 2mg. / m ³ | AGGIH THRESHOLD LIMIT VALUE | 2mg. / m ³ | 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 Incase of contact, flush with plenty of clean water for 15 minutes. If irritation persists, get medical attention.

3. SKIN Incase 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.