

# NZYMES OX-E-DROPS

## Material Safety Data Sheet:

### COMPOSITION

OX-E-DROPS is a clear, stable compound of oxygen and chlorine containing products which are, in combination, precursors to the formation of chlorine dioxide. Chemistry literature reports chlorine dioxide (ClO<sub>2</sub>) to be bactericidal, fungicidal and virucidal.

### PROPERTIES

**APPEARANCE:** Clear liquid

**COMPOSITION:** contains sodium chlorite and other oxygen and chlorine containing compounds

**SP. GRAVITY:** 1.07 (+.01)

**pH:** 13

**WEIGHT:** 8.9 lbs. per gallon

**NaClO<sub>2</sub>:** 4.8% (+.2)

**STORAGE:** Avoid extreme heat and freezing, though OX-E-DROPS is useful and stable after thawing.

### HEALTH HAZARD DATA

**SPILLAGE:** Flush area with water. If in contact with clothing or other material, saturate with water and blot with absorbent paper as OX-E-Drops has bleaching properties.

**SKIN:** Flush with water. Concentrate is irritating to skin.

**EYES:** Flush with water for 10 minutes. See a physician if pain or stinging persists.

**ORAL:** If swallowed in concentrate form, immediately drink large amounts of water (1 quart to 1/2 gallon). If nausea persists, see a physician.

**LD50:** (oral-rat) 5-6 mi/Kg of body weight. Extrapolated to 125 lb. human this equates to ingesting 9 oz. of OX-E-DROPS concentrate.

### REACTIVITY DATA

**OX-E-DROPS WILL REACT WITH STRONG ACIDS.** Such a mixture will form toxic ClO<sub>2</sub> gas which MAY EXPLODE in a 10% concentration in the air, particularly in a confined area. In the event of such an emergency and/or fire, NIOSH/MSHA approves the use of self contained breathing apparatus, protective clothing, hat gloves and boots should be utilized. If there is fire in the area, use large amounts of water.

OX-E-DROPS concentrate is very stable, with a shelf-life of many years; however, exposure to sunlight or high heat will cause the formation of crystals in the product and may cause deterioration.

