

# 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 ml/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.

