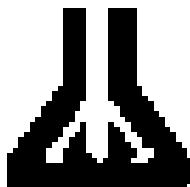


Material Safety Data Sheet



Selecto Scientific
3980 Lakefield Court
Suwanee, GA 30024
678/475-0799 • 800/635-4017
Fax: 678/475-1595

Section I. Product Identification

Chemical Name: Metal Oxide Mix
Trade Name / Synonyms: Nano ZAP
Formula: Metal Oxide Proprietary Formula
CAS No.: 1344-28-1
Manufacturer: Selecto, Inc., 3980 Lakefield Court, Suwanee, GA 30024
Emergency Telephone Number: (800)635-4017

Section II. Ingredients

<u>Chemical</u>	<u>% by Weight</u>
Metal Oxides	80-95%
Hydrogen Peroxide	5-20%

Section III. Physical Data

Appearance / Odor: White, crystalline granules, pellets, or powder; odorless
Melting Point: N/A
Boiling Point: N/A
Vapor Density: N/A
Solubility in Water: Insoluble
Specific Gravity: 3.5

Section IV. Fire and Explosion Data

Flashpoint: N/A
Auto-ignition Temp: N/A
Flammability Limits in Air: Lower: N/A Upper: N/A
Extinguishing Media Required: None Required
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazard: None

Section V. Reactivity Data

Stability:	Stable, Non-Volatile
Conditions to Avoid:	None Expected
Incompatibility:	None Expected
Hazardous Decomposition Products:	None Expected
Hazardous Polymerization:	None Expected

Section VI. Health Hazard Information

Major health effects expected to be limited to minor irritation as nuisance dust.

Routes of Entry: Eyes, Inhalation, Ingestion

Eye Contact: May cause irritation on exposure to dust.

Skin Contact: No adverse effects expected.

Inhalation: May cause irritation on exposure to dust.

Ingestion: No adverse effects expected.

Carcinogenicity: NTP? Not Listed IARC? Not Listed OSHA? Not Listed

Section VII. Safe Handling, Use, and Storage

Protective Clothing: Gloves are recommended for direct contact with the material.

Spills or Leaks: Shovel material into container which can be sealed tightly for disposal.

Disposal Methods: Dispose of material in accordance with all local, state, and federal regulations.

NFPA Hazard Classification:

Health: 1

Flammability: 0

Reactivity: 0

Section VIII. Toxicology, Ecological Information

Product is generally considered to be non-toxic.

Aquatic Toxicity: None

Waterfowl Toxicity: None

Biochemical Oxygen Demand: None

Food Chain Concentration Potential: None

OSHA Hazard Communication Rule: 20CFR1910.1200: Hazard posed by dust, irritation.

TSCA Inventory lists Metal Oxides (CAS# 1344-28-1) and Water (CAS# 7732-18-5).

SARA, Title III (Right-to-Know): Extremely Hazardous Substance: None

Hazardous Category: Immediate (acute) health hazards (dust as irritant)

Toxic Chemical: None

Section IX. Transportation

Product is NOT a hazardous material for DOT regulation.

The information provided above is based on data from sources believed to be accurate and reliable. Selecto Scientific, Inc. makes no warranty on the absolute correctness of the information which has been provided in good faith. The user must determine the suitability of the product and information specific to their end-use. Appropriate measures for the proper and safe usage of this product is the sole responsibility of the user and not Selecto Scientific, Inc.

MSDS Effective Date: March 15, 2005