Section 1 - Product and company Identification

Material Identity: COFP Calcium Oxide
Synonyms: Lime, quicklime, calx, unslaked lime, calcia, pebble lime, burnt lime
Company Contact：TENOIT CO., LTD.
Room 4,5FL.,No.109,Sec.6,Mingquan East Road, Taipei, Taiwan
EMERGENCY TELEPHONE NUMBER：TEL (886) 2 8792-2185 8792-2187
FAX (886) 2 8792-2151

Section 2 - Hazards Identification

Inhalation: Inhalation of dust is highly irritating and possibly corrosive to the upper respiratory tract. May cause coughing, sneezing, labored breathing, and possibly burns with perforation of the nasal septum.
Skin Contact: Irritant; may cause severe corrosive damage.
Eye Contact: Severe irritant, may damage eye tissues. Causes redness, tearing, blurred vision, pain.
Ingestion: Corrosive. May sttack the esophagus. Abdominal pain, nausea, vomiting may result. May cause serious alkali burns in mouth and throat.

Section 3 - Composition/Information on Ingredients

Chemical Name	Percent(wt/wt)	CAS No.
Calcium oxide	100	1305-78-8

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse.

Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Warm water must be used. Get medical attention immediately.

Ingestion: Do not include vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5 - Fire Fighting Measures

General Fire Hazards:

Not considered to be a fire hazard. React exothermically with sufficient heat to ignite combustible materials in certain instances.
Suitable Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Section 6 - Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment and use appropriate tools to put the spilled solid in a suitable container for reclamation or disposal. If necessary, neutralize the residue with a dilute solution of acetic acid.

Section 7 - Handling and Storage

Keep in a tightly closed container and stored in a cool, dry, ventilated area.

Section 8 - Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Gloves, goggles and synthetic apron. Vapor and dust respirator.
Airborne Exposure Limits: OSHA Permissible Exposure Limit (PEL): 5mg/m³ (TWA)

Section 9 - Physical and Chemical Properties/ Characteristics

Appearance: White or slightly yellowish powder	**Odor:** None
Melting Point: 2570℃	**Boiling Point:** 2850℃
pH value: 12.5	**Autoignition Temperature:** Not applicable
Decomposition Temperature: 825℃	**Flash Point:** Not applicable
Solubility in Water: Slightly soluble in water with release of heat, formation of calcium.	**Exposure Limits:** Not available (Product is non toxic solid and vapor pressure is not detectable that inhalation under ambient conditions is normally not a problem)
Vapor Pressure: Not available	
Specific Gravity: 3.25~3.38	**Vapor Density:** Not available

Section 10 - Stability and Reactivity

Stability: Stable at room temperature in sealed containers.
Incompatibilities: Water, acids, humid air, hydrogen fluoride, phosphorous pentoxide, boric oxide, steam, many organic substances.

Section 11 - Toxicological Information

Very hazardous in case of skin contact(irritant), of ingestion, of inhalation.
Hazardous in case of skin contact(corrosive), of eye contact(corrosive).
LD50: Not available
LC50: Not available

Section 12 - Ecological Information

Environmental Fate: No information found.
Environmental Toxicity: No information found.

Section 13 - Disposal Information

Disposal must be done in accordance with existing regulations.

Section 14 - Transport Information

Identification: Calcium Oxide UNNA: 1910
Packaging Group: Ⅲ
DOT Classification: Class 8: Corrosive material

Section 15 - Regulation Information

National Regulations(Taiwan, R.O.C.):

1. Regulations of Hazard Communication on Dangerous and Harmful Materials
2. Enforcement Rules of the Labor Safety and Health Act

Section 16- Other Information

The information provided is given in good faith and is based on our actual knowledge.
This is not a technical sheet for use of the product.
This sheet does not exempt the user from knowing and applying all the relevant regulations and from taking all the relevant safety precautions.