

MATERIAL SAFETY DATA SHEET**Product Name:** Calcium Oxide**CAS No.:** 1305-78-8**Version:** 0**1. Identification**

Product Code : 91861
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2. Hazards Identification**Hazard classification**

Skin irritation : Category 2
Serious eye damage : Category 1
Specific target organ toxicity - single exposure : Category 3

Label elements**Hazard symbol**

Signal word : Danger
Hazard statement : Causes severe skin burns and eye damage.
Precautionary statement
Prevention : Wear protective gloves, protective clothing, eye protection, face protection.
Do not breathe dust, fume, gas, mist, vapors, spray.
Wash thoroughly after handling.
Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF IN EYES : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.
IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Rinse skin with water/shower.
Storage : Store locked up.
Disposal considerations : Dispose of this material and its container to hazardous or special waste

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collection point, in accordance with local, regional, national and/or international regulation.

Other hazards which do not result in GHS classification : None.

3. Composition/information on ingredients

Ingredient	CAS No
CALCIUM OXIDE	1305-78-8

4. First Aid Measures

Description of first aid measures

Ingestion : Rinse mouth thoroughly. Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation : Move to fresh air. Get medical attention if symptoms persist.

Skin contact : Wash off with soap and plenty of water.

Eye contact : Flush thoroughly with water.

Swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water

Most important symptoms and effects, both acute and delayed : To the best of our knowledge, the chemical, physical, and toxicological properties have not been Thoroughly investigated.

Indication of any immediate medical attention and special treatment needed Treatment : No data available

5. Fire fighting measures

Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate to Surrounding fire conditions.

Special hazards arising from the substance or mixture : Emits toxic fumes under fire conditions.

Advice for firefighters : Wear self contained breathing apparatus for fire fighting if necessary

Further information : No data available

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6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures** : Avoid dust formation. Avoid breathing vapors, mist or gas.
- Environmental precautions** : Do not let product enter drains.
- Methods and materials for containment and cleaning up** : Sweep up and shovel. Keep in suitable, closed containers for disposal.
- Reference to other sections** : For disposal see section 13.

7. Handling and Storage

- Precautions for safe handling** : Provide appropriate exhaust ventilation at places where dust is formed.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- Specific end use(s)** : No data available

8. Exposure Controls Personal Protection

- Control parameters**
Components with workplace control parameters
Exposure controls
- Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Personal protective equipment**
General information : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
- Eye/face protection** : Use equipment for eye protection tested and approved under appropriate government standards.
- Skin Protection Hand protection** : Wear protective gloves.
- Body Protection** : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-

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place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection : Respiratory protection is not required

9. Physical and Chemical Properties

Appearance : A white powder-lumps
Odor : No data available
pH : No data available
Melting point/freezing point : 2.614 °C
Initial boiling point and boiling range : 2.850 °C
Flash Point : Not applicable.
Vapor pressure : No data available
Vapor density : No data available
Specific gravity : No data available
Solubility in water : Soluble
Solubility (other) : No data available
Formula : CaO
Molecular Weight : 56.08 g/mol

10. Stability and Reactivity

Reactivity : No data available
Chemical stability : Stable under recommended storage conditions
Possibility of hazardous reactions : No data available
Conditions to avoid : Direct sunlight. Extremely high or low temperatures
Incompatible materials : Strong acids. Strong bases.
Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.
Thermal decomposition generates: Corrosive vapours.

11. Toxicological Information**Information on toxicological effects**

Acute toxicity : No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : No data available

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Respiratory or skin sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
Specific target organ toxicity - single exposure	: No data available
Specific target organ toxicity - repeated exposure	: No data available
Aspiration hazard	: No data available
Potential health effects	
Inhalation	: May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	: May be harmful if swallowed.
Skin	: May be harmful if absorbed through skin. May cause skin irritation.
Eyes	: May cause eye irritation.
Signs and Symptoms of Exposure	: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

Toxicity	: No data available.
Persistence and degradability	: No data available.
Bioaccumulative potential	: No data available.
Mobility in soil	: No data available.
Other adverse effects	: Avoid release to the environment.

13. Disposal consideration

Disposal instructions	: Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated packaging	: Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT	1910	CALCIUM OXIDE	8	III	No

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IMDG	1910	CALCIUM OXIDE	8	III	No
IATA	1910	CALCIUM OXIDE	8	III	No

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information**Issue Date :**01/08/2014**Version :** 0

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