

# MATERIAL SAFETY DATA SHEET

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## SECTION 1

## PRODUCT IDENTIFICATION

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PRODUCT NAME: Calcium Hydroxide (Kalkwasser Powder)

PRODUCT NUMBER: 101 / 102 / 103

PRODUCT CLASS: Aquarium Additive

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## SECTION 2

## COMPOSITION

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Calcium Hydroxide ; Slaked Lime. CAS# 1305-62-0

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## SECTION 3

## HAZARDS IDENTIFICATION

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Corrosive to skin and eyes. Causes irritation and inflammation of mucous membrane and respiratory passages.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: Irritation of skin, eyes, and respiratory tract.

Medical Conditions Generally Aggravated by Exposure: Respiratory disease, skin conditions

OSHA PEL 5 mg / m<sup>3</sup> ACGIH TLV 5 mg / m<sup>3</sup>

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## SECTION 4

## FIRST AID MEASURES

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Flush skin and eyes thoroughly with water. Remove to fresh air. Get medical attention.

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## SECTION 5

## FIRE FIGHTING MEASURES

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FLAMMABILITY CLASSIFICATION: Non-combustible

EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding fire conditions.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None

SPECIAL FIREFIGHTING PROCEDURES: None

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**SECTION 6****ACCIDENTAL RELEASE MEASURES**

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Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended. Observe all Federal, State and local environmental regulations.

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**SECTION 7****HANDLING AND STORAGE**

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Use adequate ventilation to maintain TLV's & PEL's  
Store away from incompatible substances.

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**SECTION 8****PERSONAL PROTECTION**

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Respiratory Protection: Dust filter mask.  
Protective Gloves: Leather or rubber.  
Eye Protection: Well fitted goggles.

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**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES**

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Boiling Point (Calcium Oxide) - 5162° F  
Vapor Pressure (mm Hg) - NA  
Vapor Density (Air = 1) - NA  
Specific Gravity (H<sub>2</sub>O = 1) - 2.2

Melting Point (Loses Water) - 1076° F  
Evaporation Rate (Butyl Acetate = 1) - NA  
Solubility in Water - 0.185% @ 0° C; 0.077% @ 100° C  
Appearance and Odor - White Powder; odorless

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**SECTION 10****STABILITY AND REACTIVITY**

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STABILITY: Stable  
INCOMPATIBILITY (Specific materials to avoid): Acids, Fluorine  
HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.  
HAZARDOUS POLYMERIZATION: Will not occur

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**SECTION 11****DISPOSAL CONSIDERATIONS**

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Dispose in accordance with all applicable federal, state and local regulations.

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**SECTION 12****TRANSPORTATION INFORMATION:**

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Check for all applicable DOT, federal, state and local regulations.

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**SECTION 13****OTHER INFORMATION**

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