



Freedom to Breathe

Ferraris Respiratory Europe Ltd

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TECHNICAL DATA (for COSHH purposes only)
Ref: PKM-0900-052-000000 GREEN SODA LIME

- CH71594.

1. IDENTIFICATION OF SUBSTANCE

Commercial Name: Sofnolime
Chemical Name: Soda Lime

2. COMPOSITION

Components	%W/W	CAS	ENIECS	SUPPLY CLASS
Sodium Hydroxide	3%	1310-73-2	215-185-5	C-R34
Calcium Hydroxide	75%	1305-62-0	215-137-3	N/A

3. HAZARDS IDENTIFICATION

Can cause burns to eyes and skin

4. FIRST AID MEASURE

Inhalation Remove from exposure. Obtain medical attention

Skin Drench with clean water. Obtain medical attention if skin becomes inflamed.

Eyes Irrigate thoroughly with clean water. Obtain medical attention.

Ingestion Wash out mouth thoroughly. Obtain medical attention.

5. FIRE FIGHTING

Extinguishing Media Water, foam, CO₂ powder are all suitable.

Fire & Explosion Hazards Material is non-combustible. Packaging may be combustible

Protective Measures Breathing apparatus may be needed.

6. ACCIDENTAL RELEASE

Personal precautions Avoid inhaling dust. Avoid skin and eye contact.

Environmental Precautions No hazard.

Recovery Contain material. Sweep or vacuum up.



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7. HANDLING & STORAGE

Store in a clean, dry environment. Avoid direct sunlight. Keep containers closed.

8. EXPOSURE CONTROLS

Occupational Exposure STE/15min Limits	Component	TWA/8h
	Sodium Hydroxide	Zmg/m ³
	Calcium Hydroxide	5mg/m ³

PERSONAL PROTECTION

Respiratory	Nuisance dust mask recommended
Skin	General purpose rubber gloves
Eyes	Glasses to protect against dust
Hygiene	Wash after skin contact

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	White or coloured solids
Odour	None
PH	12 -14
Relative Density	2.0 g/cm ³
Solubility in water	Slight

10. STABILITY & REACTIVITY

Material is stable. Converts to Calcium and Sodium Carbonates when exposed to air. Avoid contact with Chloroform or Trichloroethylene. Heat is generated when exposed to acids.

II. TOXICOLOGICAL INFORMATION

Sodium Hydroxide	LD(10) - 500mg/kg rbt
Calcium Hydroxide	LD(50) = 7.3g/kg rat

12. ECOLOGICAL INFORMATION

No risk of prolonged damage to animal or plant life. Converts to naturally occurring minerals.

