

MATERIAL SAFETY DATA SHEET

MSDS REF: MH 24/3/00

INTERSURGICAL

COMPLETE RESPIRATORY SYSTEMS

SECTION 1: IDENTIFICATION OF SUBSTANCE

- 1.1 Commercial Name: SPHERASORB
(White to Violet 2173/2175)
- 1.2 Chemical Name: SODA LIME

SECTION 2: COMPOSITION

Components	%w/w	CAS	EINECS	Supply Class
Sodium Hydroxide	1.5%	1310-73-2	215-185-5	C:R34
Calcium Hydroxide	>75%	1305-62-0		N/A

SECTION 3: HAZARDS IDENTIFICATION

Can cause burns to eyes and skin.

SECTION 4: FIRST AID MEASURES

- Inhalation** Remove from exposure. Obtain medical attention if discomfort persists.
- Skin** Drench with clean water. Obtain medical attention if skin becomes inflamed.
- Eyes** Irrigate thoroughly. Obtain medical attention.

SECTION 5: FIRE FIGHTING

- Extinguishing media** Water, Foam, CO₂, Powder
- Fire & Explosion Hazards** Materials non-combustible. Packaging may be combustible.
- Protective measures** Breathing apparatus may be needed.

SECTION 6: ACCIDENTAL RELEASE

- Personal Precautions** Avoid inhaling dust. Avoid skin and eye contact.
- Environmental Precaution** No hazard
- Recovery** Contain material. Sweep or vacuum up.

SECTION 7: HANDLING & STORAGE

Store in a clean dry environment. Avoid direct sunlight or temperatures in excess of 70°C, keep containers closed.

- Personal Protection**
- Respiratory** Nuisance dust mask recommended
- Skin** General Purpose rubber gloves
- Eyes** Glasses to protect against dust
- Hygiene** Wash after skin contact

SECTION 8: PHYSICAL & CHEMICAL PROPERTIES

- Appearance** White Solids
- Odour** None
- pH** 12-14
- Relative Density** 0.9g/cm²
- Solubility in Water** Slight

SECTION 9: STABILITY & REACTIVITY

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

SECTION 10: ECOLOGICAL INFORMATION

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

SECTION 11: DISPOSABLE CONSIDERATIONS

Incineration or landfill in accordance with local regulations. Materials not incinerated may be alkaline.

SECTION 12: TRANSPORT INFORMATION

- Transport Clarification** None
- UN Number** None
- Hazard Class** N/A
- Packing Group** N/A

SECTION 13: REGULATORY INFORMATION

- Supply Classification -** Corrosive
- Risk Phrases -** R34 Causes burns
- S2 Keep out of reach of children
- S26 Case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
- S37/39 Wear suitable gloves and eye/face protection.

SECTION 14: OTHER INFORMATION

The intended use of this product is as an absorbent for Carbon Dioxide and other acidic gases. It is suitable for use in anaesthetic equipment. For other applications please contact Intersurgical.

For further information contact:

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