



(Enacted on 25/11/2015)

Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hidróxido de calcio Bestdent

COMPANY: SPIDENT Co., Ltd.

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Namdong-Gu, Incheon, Korea 405-821

PHONE NUMBER

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SECTION 2. COMPOSITION AND INFORMATION OF INGREDIENTS

Ingredients	% by Wt	CAS. No.
Polypropylene glycol	35 ~ 45	25322-69-4
Calcium Hydroxide	20 ~ 30	1305-62-0
Barium sulfate	3 ~ 10	7727-43-7

Other Ingredients determined not to be hazardous to 100



SECTION 3. HAZARDS IDENTIFICATION

Physical Form: Paste

Odor / color: Odor free / Off-White

Grade of reagents: Ingredients determined not be hazardous by the KFDA

SECTION 4. FIRST AID MEASURES

General advice: Take off contaminated clothes and shoes immediately, and then consult with a medical specialist if necessary.

Inhalation: In case of inhalation, immediately consult with a medical specialist.

Skin contact: Wash off immediately with soap and enough water, and then consult with a dermatologist.

Eye contact: Rinse the eyes immediately with enough water, and then pour clean water into the eyelids more than 15 minutes, and then consult with an ophthalmologist.

Ingestion: None expected under normal use conditions

Summary of Chronic Hazards: None Known

Carcinogenicity: Not carcinogenic in long term animal studies.

Teratogenicity: None Known

Mutagenicity: None Known



Reproductive Toxicity: None Known

SECTION 5. FIRE FIGHTING MEASURES

Stability: Stable

Conditions to avoid: None Known

Hazardous Polymerization: No possibility of occurrence

Fire Extinguishing Media: water, foam, and dry powder

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions: No special measures necessary

Methods for cleansing: Sweep up and wash the contaminated place with a proper absorbent

SECTION 7. HANDLING AND STORAGE

Handling and Storage Precautions:

Store under the condition of keeping tightly capped

Store in a cool, dry place

Avoid the exposure of flames, heat, and light



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Advice: Harmless to human body

Personal Protection: Safety glasses and rubber gloves

Hygiene Measure: Handle in accordance with safety practice

Do not eat

SECTION 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Vapor Pressure : ~2.0

Vapor Density: N/A

Evaporation Rate : N/A

Flash Point: N/A

Odor: Odorless

Solubility in Water: Soluble

Appearance : Paste

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under normal use conditions



SECTION 11. TOXICOLOGICAL INFORMATION

Agar overlay test: 0 ~ 1 (none ~ mild)

Systemic toxicity test: No biological harm (tested with mice)

Oral mucous irritant test: Redness, edema have not been detected (tested with hamsters)

Endotoxin test: Suitable for Endotoxin limit

Maximization sensitization test: No evidence of cause delayed dermal contact sensitization (tested with guinea-pig)

SECTION 12. ECOLOGICAL INFORMATION

No data available

SECTION 13. DISPOSAL CONSIDERATION

Contaminated products: Must be disposed of in accordance with company regulations

SECTION 14. TRANSPORT INFORMATION



Information: No danger for transport

Avoid heat and light

SECTION 15. REGULATORY INFORMATION

Follow the regulations of the KFDA (Korea food & Drug Administration)

SECTION 16. OTHER INFORMATION

The information in this Safety Data Sheet is believed as to be correct as of the date issued. It is stated only as guidance for safe handling, use, processing, storage, transport, and disposal. Thus, it is not to be considered a warranty or representation for which SPIDENT Co., Ltd. takes any kind of legal responsibilities. SPIDENT Co., Ltd. takes no legal responsibility for any damages stemming from the misuse or mishandling of this product.