

# SAFETY DATA SHEET

( Directive 91/155/EEC )

---

## 1 IDENTIFYING ELEMENTS OF THE SUBSTANCE OR COMPOUND AND MANUFACTURER

- Product: ALGICIT QUICK non chromatic alginate blue fast set
- Classification: Alginate for use in dentistry
- Manufacturer: Müller & Weygandt GmbH. - Industriestraße 25 – 63654 Büdingen - Germany  
Phone +49 6042-8800 88 - Fax +49 6042-8800 80  
Emergency phone no.: +49 6042-8800 95

---

## 2 COMPOSITION / INFORMATION ABOUT COMPONENTS

- Main components: diatomaceous earth, sodium alginate, sodium phosphate, calcium sulphate.

---

## 3 IDENTIFICATION OF HAZARDS

- No particular health or environmental hazard.

---

## 4 FIRST AID MEASURES

- Swallowing: If in pain, call a doctor.
- Contact with the eyes: Flush with abundant running water, holding the eyelids open.
- Contact with the skin: wash with water.
- Inhaling: take the patient out of doors.

---

## 5 FIRE FIGHTING MEASURES

- Suitable extinguishers: not applicable, not inflammable product.
- Unsuitable extinguishers: not applicable, not inflammable product.
- Protective gear: not applicable, not inflammable product.

---

## 6 MEASURES IN CASE OF ACCIDENTAL SPILLS

- Personal precautions: protective goggles and dust mask (in case of major spills involving large quantities of the product).
- Environmental precautions: keep spilled products out of drains and waterways
- Cleaning methods: collect using mechanical means, taking care not to raise dust, and dispose of the materials according to the rules in effect.

---

## 7 HANDLING AND STORAGE

- HANDLING: use only according to the manufacturer's instructions
- STORAGE: store in its package in a cool, dry place

---

## 8 CONTROL OF EXPOSURE / PERSONAL PROTECTION

- When using this product no special protection is necessary (e.g. mask, gloves, goggles, etc.).

- Product: ALGICIT QUICK non chromatic alginate blue fast set

---

## 9 PHYSICAL AND CHEMICAL PROPERTIES

- **APPEARANCE:** powder
- **COLOR:** blue
- **ODOR:** aromatic
- **pH** (suspension of 10 g of powder per liter of water after 2 min.): 8.0 at 20°C
- **BOILING POINT:** not pertinent
- **MELTING POINT / TIME:** not pertinent
- **BURNS AT:** not pertinent
- **INFLAMMABLE** : non inflammable
- **SPONTANEOUS COMBUSTION:** not pertinent
- **EXPLOSIVE PROPERTIES:** not explosive
- **COMBURENT PROPERTIES:** not comburent
- **STEAM PRESSURE:** not pertinent
- **DENSITY:** 2.3
- **APPARENT DENSITY:** 300 g/l
- **SOLUBILITY IN WATER:** reacts by forming a hydrophilous gel
- **OTHER DATA:** none

## 10 STABILITY AND REACTIVITY

- No decomposition if used and stored according to manufacturer's.
- Conditions to avoid: heating, humidity.
- Materials to avoid:===
- Hazardous reactions to decomposition: ===

## 11 TOXICOLOGICAL INFORMATION

- On the basis of the experience acquired on the products no hazardous effect on health is known when used according to the manufacturer's instructions.

## 12 ENVIRONMENTAL INFORMATION

- The product does not damage the environment in any way.

## 13 RECOMMENDATIONS FOR DISPOSAL

- To apply the either national or local specific laws in force where the disposal is made.

## 14 SHIPPING INFORMATION

- No shipping hazard.

## 15 INFORMATION ABOUT REGULATIONS

- No obligation to label according to EEC directive on hazardous substances.

## 16 OTHER INFORMATION

- The above data are based on the knowledge of the manufacturer on the date of issue of this document.
- The user, before using the product, should ascertain that it is suitable for the type of operation for which it is to be used.