

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 05/16/2008  
 SDS No : IS1005  
 Date Revised : 11/03/2015  
 Revision No : 1

## KROMOPAN 100 Chromatic Alginate

### SECTION 1 : Identification of the substance/preparation and of the company/undertaking

#### 1.1. Product identifier

**Product code** : KRO-100-P; KRO-100-C  
**Product name** : KROMOPAN 100 Chromatic Alginate  
**Product description** : 7047M8GE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

LASCOD S.p.A  
 Longo, 18- 50019 Sesto Fiorentino  
 Firenze, Italy  
**Emergency Phone** : 011 39 055 421 5768

##### Distributor

Ortho Technology, Inc.  
 17401 Commerce Park Boulevard  
 Tampa, FL 33647  
**Emergency Phone** : 1-800-999-3161

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification according to Directive 1999/45/EC**

#### 2.2. Label elements

#### 2.3. Other hazards

### SECTION 3: Composition / information on ingredients

#### 3.1. Substances

Not Applicable

#### 3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt.%
Diatomaceous Earth	68855-54-9	- -	~ 0 - 100
Sodium Alginate	9005-38-3	- -	~ 0 - 100
Sodium Polyphosphate	7558-29-4	- -	~ 0 - 100
Sulfuric Acid, Calcium Salt	7778-18-9	231-900-3	~ 0 - 100

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Following eyes** : Flush eyes with abundant running water, holding eyelids open.  
**Following skin** : Wash with water  
**Following ingestion** : If in pain, call a doctor.  
**Following inhalation** : Take the patient out of doors.

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### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Fire fighting measures

### 5.1. Extinguishing media

**Extinguishing media** : NA = Not Applicable. product not flammable.

### 5.2. Special hazards arising from the substance or mixture

### 5.3. Advice for firefighters

**Fire fighting equipment** : NA = Not Applicable. product not flammable.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

### 6.2. Environmental precautions

### 6.3. Methods and material for containment and cleaning up

**Small spill** : Collect using mechanical means, being careful not to raise dust, and dispose of the materials according to the rules in effect.

**Large spill** : Wear protective goggles and dusk mask in case of major spills involving larger quantities of the product.

### 6.4. Reference to other sections

**Additional information** : Keep spilled products out of drains and waterways.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling** : Use only according to the manufacturer's instructions.

**Storage** : Store package in a cool, dry place.

### 7.2. Conditions for safe storage, including any incompatibilities

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

**Engineering controls** : When using this product no special protection is necessary (e.g. mask, gloves, goggles, etc.)

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance** : Powder

**Colour** : White

**Odour** : Aromatic

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<b>pH</b>	: PH (Suspension of 10g of powder per liter of water after 2 min.) 8.0 at 20 C
<b>Melting temperature</b>	: Not pertinent
<b>Freezing temperature</b>	: Not pertinent.
<b>Boiling temperature</b>	: Not pertinent
<b>Flammable limits</b>	: 0 to 0
<b>Notes</b>	: Not flammable
<b>Density</b>	: 2.3 Apparent Density: 300g\l
<b>Solubility in water</b>	: Reacts by forming a hydrophilious gel.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

##### 10.2. Chemical stability

##### 10.3. Possibility of hazardous reactions

##### 10.4. Conditions to avoid

**Conditions to avoid** : Heat and humidity.

##### 10.5. Incompatible materials

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** : No decomposition when used and stored according to manufacture's instructions.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

#### SECTION 12: Ecological information

##### 12.1. Toxicity

##### 12.2. Persistence and degradability

##### 12.3. Bioaccumulative potential

##### 12.4. Mobility in soil

##### 12.5. Results of PBT and vPvB assessment

##### 12.6. Other adverse effects

**Environmental data** : The product does not damage the environment in any way. Sodium alginate is 100% biodegradable.

#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

**Disposal method** : Excesses or remains after normal use of the product can be assimilated to domestic waste and disposed of in the same way.

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### SECTION 14: Transport information

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**Additional information** : No shipping hazards

### SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. Chemical safety assessment**

**Additional information** : No obligation to label according to EEC directive on hazardous substances.

### SECTION 16: Other information

**Approved by** : Jodi Hutchins **Title** : Director of Regulatory & Quality Affairs

**Prepared by** : T. Bouchard

**Information contact** : 1-800-999-3161

**Revision summary** : This MSDS replaces the 05/19/2008 MSDS. Revised: **Section 1:** APPROVED BY, REASON FOR ISSUE, TITLE. **Section 3:** Wt.%.

**Manufacturer disclaimer** : To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.