



# SAFETY DATA SHEET

Revision date: 21-FEB-2022  
Print date: 21-FEB-2022  
Version: 1



This document is based on the SDS provided by Lamothe-Abiet and has been adapted by Blue H<sub>2</sub>O Filtration according to The Globally Harmonised System classification and Australian requirements.

## Section 1: Identification: Product identifier and chemical identity

### 1.1 Product identifier

Killbrett.

### 1.2 Other means of identification

Chitosan of fungal origin.

### 1.3 Recommended use of the chemical and restrictions on use

Beverage production.

### 1.4 Details of manufacturer or importer

#### Manufacturer

Lamothe-Abiet  
Avenue Ferdinand de Lesseps ZA-ACTIPOLIS  
33610 CANEJAN - FRANCE  
P: +33557779292  
e: contact@lamothe-abiet.com

#### Importer

Blue H<sub>2</sub>O Filtration  
1/11-13 Wells Road  
Oakleigh VIC 3166  
P: 03 9564 7029  
e: info@blueh2o.com.au

### 1.5 Emergency phone number

General emergency:	000
After hours emergency:	0401 446 119
Poisons information centre	1800 251 525 or 131 126
Chemcall Australia	1800 127 406

## Section 2: Hazard(s) identification

### 2.1 Classification of the substance

GHS classification:	Not hazardous.
Pictograms:	None.
Signal word:	None.
Hazard statements:	None.
Precautionary statements:	None.
Additional information:	None.

### 2.2 Label elements

None.



# SAFETY DATA SHEET

Revision date: 21-FEB-2022  
Print date: 21-FEB-2022  
Version: 1



## 2.3 Other hazards

**Skin contact:** May cause irritation on prolonged contact.

**Eye contact:** May cause eye irritation upon direct contact.

**Ingestion:** Excessive ingestion could lead to intestinal discomfort (e.g. diarrhea, bloating, cramping, etc.).

**Following inhalation:** In some cases, repeated exposure may lead to allergic sensitization based on the exposure level, duration and susceptibility of the individual. Subsequent chronic or acute exposure in sensitized persons may cause allergic reaction within minutes or a delayed effect, or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, tightness and difficulty breathing.

## Section 3: Composition and information on ingredients

### 3.1 Ingredients and composition

Product identifier	CAS/EC numbers	Substance name/classification	Concentration
Killbrett	9012-76-4	Chitosan	≤ 100 %

## Section 4: First aid measures

### 4.1 Description of first aid measures

**Inhalation:** Provide fresh air. In case of respiratory tract irritation, consult a physician.

**Skin contact:** After contact with skin, wash immediately with plenty of water and soap. Consult a physician.

**If on clothing:** Brush off in a well-ventilated area. Clean clothing when possible.

**Eye contact:** If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist. Consult a physician.

**Ingestion:** Rinse mouth immediately and drink plenty of water. Consult a physician.

### 4.2 Symptoms caused by exposure

Repeated exposure may lead to allergic sensitization based on the exposure level, duration and susceptibility of the individual. Subsequent chronic or acute exposure in sensitized persons may cause allergic reaction within minutes or a delayed effect, or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, tightness and difficulty breathing. Can cause eye and skin irritation.

### 4.3 Medical attention and special treatment

Treat symptomatically. Consult a physician.

## Section 5: Firefighting measures

### 5.1 Suitable extinguishing equipment

Water, carbon dioxide (CO<sub>2</sub>), foam, extinguishing powder.

**Unsuitable extinguishing media:** High powder water jet.



# SAFETY DATA SHEET

Revision date: 21-FEB-2022  
Print date: 21-FEB-2022  
Version: 1



## 5.2 Specific hazards

**In case of fire:** Avoid dust formation due to explosion hazard. Toxic fumes, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) may be liberated.

## 5.3 Special protective equipment and precautions

**In case of fire:** Wear self-contained breathing apparatus. Danger of slipping by leaked/spilled product.

## Section 6: Accidental release measures

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

Do not breathe dust/vapours. Use personal protection equipment.

### 6.2 Environmental precautions

Do not allow to enter soil/subsoil. Do not flush into the sewer system or water courses.

### 6.3 Methods and materials for containment and cleaning up

Avoid dust formation. Collect mechanically. Wash with plenty of water. Ventilate affected area.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid dust formation. Use only in well-ventilated areas. Inhalation of dust may cause irritation of the respiratory system. Avoid contact with skin, eyes and clothes.

### 7.2 Conditions for safe storage

Keep container tightly closed in a cool, dry, dark and well-ventilated place. Keep away from ignition sources and heat.

## Section 8: Exposure controls and personal protection

### 8.1 Exposure control measures

None.

### 8.2 Biological monitoring

None.

### 8.3 Control banding

None.

### 8.4 Engineering controls

Adequate ventilation of the work area. Avoid dust formation.

### 8.5 Individual protection measures (PPE)

#### 1. Eye and face protection

Safety glasses.



# SAFETY DATA SHEET

Revision date: 21-FEB-2022  
Print date: 21-FEB-2022  
Version: 1



## 2. Skin protection

Protective gloves.

## 3. Respiratory protection

Respiratory protection necessary if insufficient ventilation.  
Suitable respiratory protection apparatus: P2/N95 mask.

## 4. Thermal hazards

None.

## Section 9: Physical and chemical properties

### 9.1 Appearance

White/off-white powder or granulate.

### 9.2 Physicochemical data

Parameter	Data	At °C	Method	Comment
Auto-ignition temperature	> 204 °C			
Decomposition temperature	300-500 °C			
Evaporation rate	Not determined			
Flammability	Not determined			
Flash point	> 204 °C			
Initial boiling point and range	Not determined			
Melting point	Not determined			
Freezing point	Not determined			
Odour	Not determined			
Odour threshold	Not determined			
Partition coefficient: n-octanol/water	Not determined			
pH	Not determined			
Density	< 1 g/cm <sup>3</sup>			
Solubility	Not determined			
Upper/lower flammability or explosive limits	Not determined			
Vapour density	Not determined			
Vapour pressure	Not determined			
Viscosity	Not determined			

### 9.3 Other information

Omitted data from Table 9.2 indicates that these are not relevant to the safe usage of the product.

## Section 10: Stability and reactivity

### 10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.



# SAFETY DATA SHEET

Revision date: 21-FEB-2022  
Print date: 21-FEB-2022  
Version: 1



## 10.2 Chemical stability

Chemically stable under normal conditions of usage.

## 10.3 Possibility of hazardous reactions

None known under normal conditions of use.

## 10.4 Conditions to avoid

Avoid heat, flames, sparks, humidity, moisture and poor ventilation. Ignition sources.

## 10.5 Incompatible materials

Moisture, high temperatures (> 30 °C), strong acids, strong bases, strong oxidants.

## 10.6 Hazardous decomposition products

Oxides of carbon (CO, CO<sub>2</sub>) can be liberated in case of fire.

## Section 11: Toxicological information

### 11.1 Toxicological information relevant to health hazard category

Parameter	Data/comment
Acute toxicity	No data available.
Skin corrosion/irritation	May cause irritation on prolonged contact.
Serious eye damage/irritation	May cause irritation on contact.
Respiratory or skin sensitisation	In some cases, repeated exposure may lead to allergic sensitization based on the exposure level, duration and susceptibility of the individual. Subsequent chronic or acute exposure in sensitized persons may cause allergic reaction in minutes or a delayed effect, or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, tightness in the chest and difficulty breathing.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (STOT) – single exposure	No data available.
Specific target organ toxicity (STOT) – repeated exposure	No data available.
Aspiration hazard	No data available.

### 11.2 Other information

None determined.



# SAFETY DATA SHEET

Revision date: 21-FEB-2022  
Print date: 21-FEB-2022  
Version: 1



## Section 12: Ecological information

### 12.1 Ecotoxicity

No data available. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Other adverse effects

No data available. Do not allow to enter drains or water courses.

### 12.6 Other information

No data available.

## Section 13: Disposal considerations

### 13.1 Disposal methods

Dispose of unwanted material in accordance with local regulations.

## Section 14: Transport information

### 14.1 UN number

No data available.

### 14.2 Shipping or technical name

No data available.

### 14.3 Transport hazard class

No data available.

### 14.4 Packing group number

No data available.

### 14.5 Environmental hazards for transport purposes

No data available.

### 14.6 Special precautions for user

No data available.



# SAFETY DATA SHEET

Revision date: 21-FEB-2022  
Print date: 21-FEB-2022  
Version: 1



## 14.7 Additional information

No data available.

## 14.8 Hazchem or emergency action code

No data available.

## Section 15: Regulatory information

### 15.1 Safety, health and environmental regulations

No data available.

## Section 16: Other relevant information

This information is based on our current knowledge. The information is intended to give you advice about the safe handling of the product(s) in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product(s) with other products, or in the case of processing, the information on this safety data sheet may no longer be valid.