



## SAFETY DATA SHEET

in accordance with the REACH Regulation (EC) No 1907/2006

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name: Nattaro Safe

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

Relevant identified uses of the substance: Insecticide for control of bed bugs and other crawling insect pests indoors

Uses advised against: The product should only be used in accordance with the area of use as specified above.

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

Supplier: Nattaro Labs AB

Address: Medicon Village  
Scheelevägen 2  
SE-223 63 Lund  
Sweden

Telephone: +46 (0) 46 149 300

E-mail: [info@nattarolabs.se](mailto:info@nattarolabs.se)

#### 1.4 Emergency telephone number

Urgent cases (24 hours a day) 112 ask for POISONS INFORMATION

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance in accordance with (EG) nr 1272/2008 (CLP)

STOT RE2

#### 2.2 Label elements in accordance with CLP (EC) No 1272/2008

*Pictogram and signal words:*

Warning



#### *Hazard statements*

H373 May cause damage to organs through prolonged or repeated exposure.

#### *Precautionary statements:*

P260 Do not breathe dust/fumes/gas/mist/vapours/spray.

P314 Get medical advice/attention if you feel unwell.



## SAFETY DATA SHEET

in accordance with the REACH Regulation (EC) No 1907/2006

P501 Dispose of contents as hazardous waste.  
Dispose of outer carton as general waste.

### 2.3 Other hazards

PBT-substance: No

vPvB-substance: No

Physical hazards: No information available.

Health hazards: No information available.

Environmental hazards: No information available.

### 2.4 Authorisation (substance)

See section 15.1.2 Authorisation and restrictions according to Annexes VII and VIII of REACH.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Substance	CAS No	Concentration	Classification acc. to CLP (EC) No 1272/2008
Diatomaceous earth	61790-53-2	100%	STOT RE2

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation: In the event of coughing or dryness in the nasal passage, clear the nose of the dust and seek fresh air.

Skin contact: Remove contaminated clothing and shoes. Wash the skin with soap and water.

Contact with eyes: Rinse immediately with a gentle jet of water or eye-rinsing fluid. Remove any contact lenses. Avoid rubbing the eyes, the powder is abrasive. If symptoms persist, contact a doctor/seek medical attention.

Ingestion: Rinse the mouth. Drink plenty of water.

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

Symptoms: The product may give rise to irritation in the eyes on contact through mechanical action. Dryness/irritation in the throat in case of ingestion.

Acute effects: No information available.

Delayed effects: No information available.

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

Special/immediate medical attention: No information available.



## SAFETY DATA SHEET

in accordance with the REACH Regulation (EC) No 1907/2006

### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

The product is not flammable. Extinguishing agents should be chosen in consideration of fire in the surrounding area.

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

No information available.

#### 5.3 Advice for firefighters

No particular advice. General considerations in firefighting are applicable

Evacuate in accordance with fire procedures. Move containers away from the scene of the fire if this can be done without risk. Avoid inhaling fumes. Adequate protective equipment should be used in all firefighting. Full-cover protective equipment and fresh-air mask are recommended.

---

### 6. ACCIDENTAL RELEASE MEASURES

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

*Personal protective equipment.* Avoid contact with the eyes and dust-creating handling. Use face mask or breathing protection if necessary.

#### 6.2 Environmental precautions

*General measures:* use the spillage for the purpose if possible.

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

No containment is required. Collect the product mechanically or using a vacuum cleaner. A contaminated surface may need to be washed off with water.

#### 6.4 Reference to other sections

Further information on choice of personal protective equipment can be found in section 7. See section 13 Disposal considerations for information on disposal of spillages.

---

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid dust-creating handling and contact with the eyes. Wash hands after work has finished. Use in well-ventilated areas.

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

Store in a dry place. Store product closed and only in original packing. Do not store together with alkaline solutions, basic oxides or hydrogen fluoride.

#### 7.3 Specific end use(s)

Exposure scenario NO, not applicable.  
See section 15.2

### 8. 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

This section is intended for professional activity and working-environment exposure for professional users.



## SAFETY DATA SHEET

in accordance with the REACH Regulation (EC) No 1907/2006

### 8.1 Control parameters

#### 8.1.1 National occupational exposure limits or EC limit values

National occupational exposure limit values Yes, see table below

Guide EC limit values No  
:

Occupational exposure limit values (Sweden, AFS 2018:1)				
Substance	CAS no.	Type of exposure	Value	Classification CLP (EG)nr 1272/2008
Cristobalite quartz	14808-60-7	8h exposure threshold value Respirable dust	0,05 mg/m <sup>3</sup>	Carc. Cat. 1A; H350

### 8.2 Exposure controls

Consumer product: For personal protective equipment see section 7 and the product label.

*Environmental exposure controls:* no special requirements. See sections 6.2 and 13 for more information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Parameter	Value	Method/Note
Form:	Solid, powder	
Colour:	White-yellowish	
Odour:	Odourless	
pH-value:	3 - 7	10% suspension
Melting-/freezing point:	>1710°C	The substance is converted to crystalline silica
Flammable	Non-combustible	
Upper/lower flammability limit or explosive limit::	Not explosive	
Relative density:	-	
Solubility in water:	Insoluble	
Explosivity:	Not explosive	
Oxidising properties:	Non-oxidising	



## SAFETY DATA SHEET

in accordance with the REACH Regulation (EC) No 1907/2006

### 9.2 Other information

No information available

---

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal and recommended conditions.

### 10.2 Chemical stability

Stable in recommended storage and handling.

### 10.3 Possibility of hazardous reactions

No decomposition when used under normal conditions.

### 10.4 Conditions to avoid

Strong heat

### 10.5 Incompatible materials

None known

### 10.6 Hazardous decomposition products

See also subsection 10.1 to 10.5. See also section 5.2.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

This section is intended for medical personnel, professionals in the field of the working environment and toxicologists.

#### 11.1.1 SUBSTANCE - INFORMATION ON HAZARD CLASSES

##### Acute toxicity:

Ingestion: No information available. May irritate the mouth, throat and stomach if large quantities are ingested.

Skin contact: No information available. May cause desiccation in prolonged contact with the skin.

Inhalation: No information available. May cause dryness in the nasal passage and congestion in the upper respiratory tract when dust particles are inhaled. See Note 1 below

---

**Corrosive/irritating to the skin/eyes:** No. See Note 1 below.

**Sensitisation:** No information available. See Note 1 below.

**Mutagenicity:** No information available. See Note 1 below.

**Carcinogenicity:** No information available. See Note 1 below.

**Toxicity to reproduction:** No information available. See Note 1 below.

**Other information:** Natural diatomaceous earth contains <0,1% crystalline quartz.

**Note 1** The product is not classified according to CLP (EC) No 1272/2008



## SAFETY DATA SHEET

in accordance with the REACH Regulation (EC) No 1907/2006

### 12. ECOLOGICAL INFORMATION

Summary: The product is not expected to pose any danger to the aquatic or soil environment in the short or long term. Diatomaceous earth is a commonly occurring earth mineral in the environment/nature.

#### 12.1 Toxicity

<i>Substance</i>	<i>Studies and Exposure time</i>	<i>Result</i>	<i>Method</i>	<i>Note</i>
-	-	-	-	-

#### 12.2 Persistence and degradability

Biotic degradability: Not relevant. Inert substance.

Abiotic degradability: Not relevant. Inert substance.

#### 12.3 Bioaccumulative potential

log Kow- and/or BCF value: Not applicable to inorganic/inert substance.

#### 12.4 Mobility in soil

Based on the substance's physicochemical properties, the product is expected principally to be distributed to sediment in the aquatic environment.

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

PBT-ämne: NOT APPLICABLE

vPvB-ämne: NOT APPLICABLE

#### 12.6 Other adverse effects

No information available

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### 13.1.1 CLASSIFICATION OF WASTE

Hazardous waste: **YES**

Waste type and handling (residual product) The tape and content of diatomaceous earth should be disposed as hazardous waste.

Waste type and handling (packaging) Outer package (carton) can be handled in the recycling scheme for the type of material concerned.

### 14. TRANSPORT INFORMATION

Hazardous goods NO



## SAFETY DATA SHEET

in accordance with the REACH Regulation (EC) No 1907/2006

### 15 REGULATORY INFORMATION

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

##### 15.1.1 GENERAL PROVISIONS APPLICABLE TO SAFETY, HEALTH AND THE ENVIRONMENT

Information on applicable provisions: The product is covered by general legislation and regulations such as:

- Environmental Code (1998:808) Chapter 14 Chemical products and biochemical organisms.
- Ordinance (2008:245) on chemical products and biotechnical organisms. Ordinance (2000:338) on biocidal products.
- KIFS 2008:2 chemical products and biotechnical organisms
- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).
- Directive 98/8/EC concerning the placing of biocidal products on the market.
- Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.
- Regulation (EC) No 1451/2007 on the second phase of the 10-year work programme (active substances – biocidal products)

Working environment: Occupational Exposure Limit Values (AFS 2018:1, Sweden)

External environment: -

Safety: -

##### 15.1.2 AUTHORISATION AND RESTRICTIONS IN ACCORDANCE WITH ANNEXES VII AND VIII OF REACH

Authorisation (substance) NO

Restriction (substance/mixture): NO

##### 15.1.3 15.1.3 PACKAGING REQUIREMENTS FOR CONSUMER PRODUCTS IN ACCORDANCE WITH CLP (EC) no 1272/2008.

Consumer product: **YES**

Child-proof closure: NO

Tactile warning of danger: NO

#### 15.2 Chemical safety assessment

Chemical safety review NO. Not required under Article 37 of REACH Regulation



## **SAFETY DATA SHEET**

in accordance with the REACH Regulation (EC) No 1907/2006

### **16. OTHER INFORMATION**

#### **16.1 Revisions of the Safety data Sheet**

<i>Version</i>	<i>Changes</i>	<i>Date</i>
2.0	Hazard classification changed to STOT RE2, Hazard pictogram and signal word updated accordingly. Hazard and precautionary statements added.	November 12 2019

#### **16.2 Explanation of abbreviations in the safety data sheet**

BCF	Bioconcentration Factor
log Kow	Partition coefficient n-octanol /water
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	Very Persistent and Very Bioaccumulative

#### **16.3 Other**

The information contained in this safety data sheet is based on our present-day knowledge and is intended to describe the product from the point of view of safety. The safety data sheet is not to be regarded as a chemical specification.

The information is only intended to serve as a guide to safe handling, use, processing, storage, transport, waste management and release and is not to be regarded as a guarantee or quality specification.