

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046  
Created on: 12.12.2014 Version: **1098-2** Replaces: 1098-1  
Revised on: 03.07.2024 Page: 1 / 8



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

### 1.1 Product identifier

Substance name/ trade name: **KSL 11046**

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

Relevant identified uses: Test dust

Uses advised against: -

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

Manufacturer/ Supplier: KSL staubtechnik gmbh  
Street/ P.O. Box: Westendstrasse 11  
Nat.-Kenn./ Postcode/ City: DE - 89415 Lauingen  
Telephone/ fax/ e-mail: +49 (0) 9072 / 95 00-0 / Fax: -50 / info@ksl-staubtechnik.de

### 1.4 Emergency number

+49 (0) 9072 / 95 00-0 (Availability: Mon-Thu 08:00-16:00, Fri 08:00-12:00)

## SECTION 2: Potential hazards

### 2.1 Classification of the substance or mixture

This product is contaminated with respirable quartz and is therefore classified as STOT RE2 according to the criteria defined in Regulation (EC) No 1272/2008.

Depending on the handling and processing of the product, the formation of airborne respirable crystalline silica is possible. Prolonged and/or intensive inhalation of respirable crystalline silica may cause dust lung disease (silicosis). The main symptoms of silicosis are coughing and breathing problems/difficulty breathing. Appropriate protective and monitoring measures should be in place in the event of exposure to respirable crystalline silica. According to TRGS 906, activities involving respirable crystalline silica in the form of quartz and cristobalite have a carcinogenic effect on humans.

The product should be handled with special care to avoid dust formation.

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008

Hazard class: Eye Irrit. 2 - Serious eye damage/eye irritation  
Hazard category: 2  
Hazard statements: H319 Causes serious eye irritation

Hazard class: STOT RE2  
Hazard category: 2  
Hazard statements: H373 May cause damage to the lungs through prolonged or repeated exposure if inhaled.  
This product contains between 1 and 10% respirable quartz.

### 2.2 Labelling elements

#### 2.2.1 Labelling elements according to Regulation (EC) No 1272/2008



GHS07

GHS08

Signal word: Caution

Hazard statement: H319 Causes serious eye irritation  
H373 May cause damage to the lungs through prolonged or repeated exposure if inhaled

Precautionary statements: P260 Do not breathe dust  
P264 Wash skin thoroughly after handling  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove existing contact lenses if possible. Continue rinsing.  
P314 Get medical advice/attention if you feel unwell.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P501 Dispose of contents (residues)/container properly in accordance with local regulations. (avoid dust formation).

### 2.3 Other hazards

Slight irritant effect on the skin.

Harmful to aquatic organisms.

No adverse health effects are known or expected if handled as directed.

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046

Created on: 12.12.2014

Version: 1098-2

Replaces: 1098-1

Revised on: 03.07.2024

Page: 2 / 8



## SECTION 3: Composition/information on ingredients

### 3.1 Substances

This product is a mixture.

### 3.2 Mixtures

Composition/ information on ingredients

**Description of the mixture:**

**KSL 11046**

Adipic acid  
Quartz (SiO<sub>2</sub>)

**Hazardous components:**

This product contains between 1 and 10% respirable quartz, which is classified as STOT RE2.

Name	CAS No.	EC no.	Concentration range [wt.%]	Classification according to Regulation (EC) No 1272/2008
Adipic acid	124-04-9	204-673-3	10 %	- H319 - Eye Irrit. 2 - Category 2
Silicon dioxide SiO <sub>2</sub>	14808-60-7	238-878-4	~ 28 %	- H373 - STOT RE2 - Category 2
Aluminium oxide Al <sub>2</sub> O <sub>3</sub>	1344-28-1	215-691-6	< 7,5 %	-
Iron (III) oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	215-168-2	< 2,5 %	-
Calcium magnesium carbonate CaMg(CO <sub>3</sub> ) <sub>2</sub>	16389-88-1	240-440-2	< 3 %	-
Sodium chloride	7647-14-5	231-598-3	20-30 %	-
Strength	9005-25-8	232-679-6	10-20 %	-
Other non-hazardous ingredients	-	-	10 %	-

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:**

If symptoms persist, it is advisable to consult a doctor. Substance/product and measures taken

Specify doctor.

**After inhalation:**

Provide fresh air. Dust from the throat and nose should be removed quickly. If symptoms such as discomfort, coughing or persistent irritation occur, consult a doctor. Inhalation should generally be avoided.

**After skin contact:**

Wash off with plenty of soap and water. Remove contaminated clothing and shoes immediately. Consult a doctor.

**After eye contact:**

If necessary, remove the contact lens and rinse the eye under running water with the eyelid open for at least 15 minutes to remove all particles. If possible, use isotonic eye rinsing solution (0.9 % NaCl). Do not rub the eye dry, as additional corneal damage is possible due to the mechanical stress. Consult a doctor.

**After ingestion:**

Rinse mouth with plenty of water. Spit out liquid again. Do not induce vomiting. Consult a doctor.

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

Repeated inhalation of large quantities over a longer period of time increases the risk of lung diseases (silicosis). The main symptoms of silicosis are coughing and breathing problems/difficulty breathing.

Dust may cause eye and respiratory tract irritation.

### 4.3 Information on immediate medical assistance or specialised treatment

No special measures are known.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing agent

**Suitable:**

Match the extinguishing agent to the work area/environment.

**Unsuitable:**

none

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046

Created on: 12.12.2014

Version: **1098-2**

Replaces: 1098-1

Revised on: 03.07.2024

Page: 3 / 8



## 5.2 Special hazards arising from the substance or mixture

None. Non-flammable.

## 5.3 Instructions for firefighting

Wear self-contained breathing apparatus and suitable protective clothing.

## 5.4 Additional notes

No measures are required as the mixture is not flammable.

## SECTION 6: Accidental release measures

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

#### 6.1.1 Personnel not trained for emergencies

Avoid dust formation. Wear protective clothing as described in section 8. Follow the instructions for safe handling as described in section 7.

#### 6.1.2 Emergency services

Emergency plans are not required. However, respiratory protection is required in case of high dust exposure.

### 6.2 Environmental protection measures

Do not discharge aqueous suspensions directly into the aquatic environment. Do not allow to enter waters, soil or sewage system.

### 6.3 Methods and material for containment and cleaning

#### 6.3.1 Instructions for retention

Avoid dust formation.

#### 6.3.2 Instructions for cleaning

Avoid inhalation. Avoid dry sweeping. Use approved spray and suction systems for cleaning. Use protective equipment.

#### 6.3.3 Information on unsuitable retention and cleaning methods

Blowing off for cleaning purposes is not permitted.

### 6.4 Reference to other sections

See also sections 8 and 13. Personal protective equipment is specified in section 8 of the SDS.

## SECTION 7: Handling and storage

### 7.1 Protective measures for safe handling

#### 7.1.1 Notes on safe handling

Avoid dust formation and deposits. Handle packaged products carefully to prevent the packaging from bursting. Areas with dust formation must be equipped with suitable ventilation systems. If the workplace atmosphere is insufficiently dedusted, wear suitable respiratory protection (in accordance with EN 143). Gloves according to EN 374 are recommended.

#### Measures to protect against fire and explosions

No special measures required.

#### Measures to prevent aerosol and dust formation

Only sweep with a suitable sweeping brush. If possible, use suitable dry cleaning methods such as vacuum suction that do not generate dust.

#### Measures to protect the environment

Do not allow to enter waterways, drains or soil.

#### 7.1.2 Notes on general hygiene measures

Do not eat, drink or smoke while working. Wash hands after use/contact. Wear a respirator and safety goggles in dusty atmospheres.

### 7.2 Conditions for safe storage taking into account incompatibilities

#### Information on the storage conditions

Store dry and tightly closed, if possible in the original container. Keep away from food and beverages.

#### Requirements for storage rooms and containers

No special measures are required.

#### Storage class

VCI: 10-13 (non-flammable solids)

### 7.3 Specific end uses

#### Industry and sector-specific guidelines

Use appropriately and sparingly with suitable equipment depending on the intended use. No additional information is available for the specific end uses (see section 1.2).

Further information can be found, for example, in the guide to good practice on protecting workers' health through good handling and use of crystalline silica and products containing it (see section 16).

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046  
Created on: 12.12.2014 Version: **1098-2** Replaces: 1098-1  
Revised on: 03.07.2024 Page: 4 / 8



## SECTION 8: Exposure controls/ Personal protective equipment

### 8.1 Parameters to be monitored

#### 8.1.1 National limit values

Components with limit values that require monitoring at the workplace:

Chem. Identity	CAS No.	EC no.	National Limit value	Exposure type	Remark/ Legal regulation
More general Dust limit value	-	-	1.25 (A) mg/m <sup>3</sup> (alveolar)	inhalative	Occupational exposure limit TRGS 900
More general Dust limit value	-	-	10 (E) mg/m <sup>3</sup> (inhalable)	inhalative	Occupational exposure limit TRGS 900
Silicon dioxide SiO <sub>2</sub>	14808-60-7	238-878-4		inhalative	List of carcinogenic activities or processes TRGS 906

\* For activities or processes in which employees are exposed to respirable dusts of crystalline silica in the form of quartz, there is a limit value of 50µg/m<sup>3</sup> in Germany.

The safety regulations, in particular the third and fourth sections of the Hazardous Substances Ordinance (GefStoffV), must be observed. The occupational exposure limits (OEL/Occupational Exposure Limit) for respirable crystalline silica valid for EU countries, Norway and Switzerland can be found at <https://www.nepsi.eu/>. Information on the limit values in other countries can be obtained from experts in occupational hygiene or the responsible regulatory authority in the respective country.

The international limit values for aluminium oxide can be found at the following link: <http://limitvalue.ifa.dguv.de/>.

#### 8.1.2 International limit values

Components with international limit values that require monitoring at the workplace:

Chem. Identity	CAS No.	EC no.	International Limit value	Exposure type	Remark/ Legal regulation
Adipic acid	124-04-9	204-673-3	see GESTIS database Intern. Limit values *	inhalative	respective international working limit value
Strength	9005-25-8	232-679-6	see GESTIS database Intern. Limit values *	inhalative	respective international working limit value
Aluminium oxide	1344-28-1	215-691-6	see GESTIS database Intern. Limit values *	inhalative	respective international working limit value

\* You can find the GESTIS database for international limit values at the following link: <http://limitvalue.ifa.dguv.de/>.

### 8.2 Exposure controls and monitoring

A combination of technical and individual protective measures is often required to comply with the occupational exposure limit values. Technical control equipment and individual protection measures are recommended for the identified uses (section 1.2). Technical measures and the selection of suitable procedures take precedence over the use of personal protective equipment.

#### 8.2.1 Suitable technical control devices

Avoid or minimise dust formation. Use closed processes and local extraction equipment to keep the dust concentration below the permissible exposure limit. Use a ventilation system if there is a high proportion of dust in the air. If dust formation cannot be avoided, use ventilation to keep the dust content of the air below the exposure limit values. Apply organisational measures, e.g. by keeping people away from dusty areas.

Recommended measurement methods for workplace measurements: See publication series of the Employer's Liability Insurance Association.

#### 8.2.2 Individual protective measures, for example personal protective equipment

##### General

No personal protective equipment is required if the product is used as intended. Handle the product in accordance with the safety instructions.

##### Face/eye protection

If dust is generated, wear closed safety goggles in accordance with EN 166.

##### Skin/hand protection

Wear protective gloves in accordance with standard EN 374. Work clothing with long sleeves and trouser legs. Closed work shoes.

##### Respiratory protection

Install effective extraction and/or ventilate sufficiently. If the permissible exposure limit values are exceeded at the workplace, wear a respirator that complies with EU or national regulations (e.g. particle filter P2 in accordance with EN 143).

##### Hygiene measures

Do not eat, drink or smoke at work. Wash hands before breaks and at the end of work and shower if necessary. Avoid contact with eyes and skin. After work, workers should wash or shower and use skin care products. Clean contaminated clothing, shoes, watches etc. before re-use.

#### 8.2.3 Limitation and monitoring of environmental exposure

See also sections 6 and 7.

##### Air

Avoid drifting due to wind. Compliance with dust emission limits in accordance with the Technical Instructions on Air Quality Control.

##### Water

Waste water and groundwater regulations must be observed.

##### Floor

Compliance with the Federal Soil Protection Ordinance. No special control measures required.

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046  
Created on: 12.12.2014 Version: **1098-2** Replaces: 1098-1  
Revised on: 03.07.2024 Page: 5 / 8



## SECTION 9: Physical and chemical properties

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

(a)	<b>Physical state</b>	Powder - solid
(b)	<b>Colour</b>	reddish brown
(c)	<b>Odour</b>	odourless
(d)	<b>Melting point/freezing point</b>	not determined
(e)	<b>Boiling point or initial boiling point and boiling range</b>	not applicable
(f)	<b>Flammability</b>	not applicable
(g)	<b>Lower and upper explosion limit</b>	does not apply to <u>solids</u> according to Regulation (EU) 2020/878.
(h)	<b>Flash point</b>	does not apply to gases, aerosols and <u>solids</u> according to Regulation (EU) 2020/878.
(i)	<b>Ignition temperature</b>	only applies to gases and liquids according to Regulation (EU) 2020/878.
(j)	<b>Decomposition temperature</b>	not determined
(k)	<b>pH value</b>	not determined
(l)	<b>Kinematic viscosity</b>	only applies to liquids according to Regulation (EU) 2020/878.
(m)	<b>Solubility</b>	partially soluble in water
(n)	<b>Partition coefficient n-octanol/water (log value)</b>	not applicable
(o)	<b>Vapour pressure</b>	not applicable
(p)	<b>Density and/or relative density</b>	not specified
(q)	<b>Relative vapour density</b>	only applies to gases and liquids according to Regulation (EU) 2020/878.
(r)	<b>Particle properties</b>	The X <sub>50</sub> value is between 10µm and 50µm.

### 9.2 Other information

Not applicable

#### 9.2.1 Information on physical hazard classes

Not applicable

#### 9.2.2 Other safety-related parameters

Not applicable

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Inert product. Not reactive.  
No dangerous reactions are known if stored and handled properly.

### 10.2 Chemical stability

The mixture is stable.

### 10.3 Possibility of hazardous reactions

No danger under normal storage conditions.

### 10.4 Conditions to avoid

Moisture and water during storage can lead to lump formation and loss of product quality.  
Temperatures > 100° C

### 10.5 Incompatible materials

Strong oxidising agents, strong bases, strong acids.

### 10.6 Hazardous decomposition products

None when used as intended.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes according to Regulation (EC) No 1272/2008

- a) **Acute toxicity**  
Based on available data, the classification criteria are not met.
- b) **Corrosive/irritant effect on the skin**  
Irritant effect on the skin possible
- c) **Serious eye damage/irritation**  
Irritant effect on the eyes possible
- d) **Sensitisation of the respiratory tract/skin**  
Based on available data, the classification criteria are not met.
- e) **Germ cell mutagenicity**  
Based on available data, the classification criteria are not met.
- f) **Carcinogenicity**  
Based on available data, the classification criteria are not met.
- g) **Reproductive toxicity**  
Based on available data, the classification criteria are not met.
- h) **Specific target organ toxicity at single exposure**  
Based on available data, the classification criteria are not met.
- i) **Specific target organ toxicity with repeated exposure**  
May cause silicosis, a dust lung disease, through repeated exposure.
- j) **Aspiration hazard**  
Based on available data, the classification criteria are not met.

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046

Created on: 12.12.2014

Version: **1098-2**

Replaces: 1098-1

Revised on: 03.07.2024

Page: 6 / 8



## Delayed and immediate effects as well as chronic effects after short or long-term exposure

### Immediate effects

Irritation in the eye or respiratory tract due to exposure to foreign bodies is possible

### Chronic effects with prolonged exposure

This product is contaminated with between 1 and 10% respirable quartz and is therefore classified as STOT RE2 according to the criteria defined in Regulation (EC) No 1272/2008.

Prolonged and/or intense exposure to dust containing respirable crystalline silica can cause silicosis. This disease is a nodular pulmonary fibrosis caused by inhalation and deposition of mineral dust.

In 1997, the International Agency for Research on Cancer (IARC) came to the conclusion that occupational exposure to crystalline silica can cause lung cancer in humans. However, the IARC qualified that this does not apply to all forms of exposure or all types of crystalline silica. (IARC Monographs on the Evaluation of Carcinogenic Risks to Humans from Chemicals, Silica, Silica-containing Dusts and Organic Fibres, 1997, Volume 68, IARC, Lyon, France).

In 2003, the EU Scientific Committee on Occupational Exposure Limits to Chemical Agents (SCOEL) concluded that the main effect of inhalation of respirable crystalline silica dust in humans is silicosis. "There is sufficient information to conclude that there is an increased relative risk of lung cancer for people suffering from silicosis. People working in quarries or in the ceramics industry who are exposed to silica dust but do not suffer from silicosis do not appear to be affected by this increased risk of lung cancer. It can therefore be assumed that the avoidance of silicosis also reduces the risk of cancer..." (SCOEL SUM Doc 1994-final, June 2003).

There are therefore numerous indications that an increased risk of lung cancer is limited to people who already suffer from silicosis. The protection of workers from silicosis should be ensured by complying with the occupational exposure limits set by the authorities and, if necessary, by implementing additional risk management measures (see section 16).

## 11.2 Information on other hazards

No endocrine disrupting properties or other adverse effects are known.

## SECTION 12: Environmental information

No ecotoxicological data are available for the product.

### 12.1 Toxicity

It is assumed that individual components have a low toxicity to aquatic organisms.

### 12.2 Persistence and degradability

No data available, as no data is available from the raw material supplier.

### 12.3 Bioaccumulative potential

No data available, as no data is available from the raw material supplier.

### 12.4 Mobility in the soil

No data available, as no data is available from the raw material supplier.

### 12.5 Results of the PBT and vPvB assessment

A PBT/vPvB assessment is not available as a chemical safety assessment is not required / has not been carried out.

### 12.6 Endocrine disrupting properties

No data available, as no data is available from the raw material supplier.

### 12.7 Other adverse effects

Not known.

## SECTION 13: Notes on disposal

### 13.1 Waste treatment processes

Pick up product dry. Generally avoid dust formation.

Can be disposed of in accordance with local regulations. If necessary, coordinate disposal with the local authorities.

#### Recommendation

Agree the exact waste code with the waste disposal company.

#### Waste code according to the Waste Catalogue Ordinance (AVV)

010410 - dusty and powdery waste

#### Treatment of cleaned/uncleaned packaging

150106 - mixed packaging according to material recycling

The formation of dust as a result of residues in the packaging should be avoided. Contaminated packaging materials should be stored in closed containers. Recycling and disposal of packaging material must be carried out in accordance with local regulations and should be carried out by a certified waste disposal company. Do not reuse packaging material.

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046

Created on: 12.12.2014

Version: **1098-2**

Replaces: 1098-1

Revised on: 03.07.2024

Page: 7 / 8



## SECTION 14: Transport information

The product is not a dangerous good according to the transport regulations (ADR, RID, ADN, IMDG, ICAO/IATA).

### 14.1 UN number or ID number

Not applicable

### 14.2 Proper UN shipping name

Not applicable

### 14.3 Transport hazard classes

Not applicable

### 14.4 Packaging group

Not applicable

### 14.5 Environmental hazards

Not applicable

### 14.6 Special precautions for the user

No special measures

### 14.7 Bulk transport by sea in accordance with IMO instruments

Not applicable

## SECTION 15: Legislation

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

The product does not fall under the registration obligation of EC Regulation 1907/2006 (REACH).

#### EU regulations

e.g. EC Regulation 1907/2006 (REACH)

#### National regulations

When handling this product, the current version of the statutory regulations must be observed, including

AwSV Water hazard class: WGK 1 - slightly hazardous to water

TRGS 500 "Protective measures"

TRGS 510 "Storage of hazardous substances in transportable containers"

TRGS 559 "Mineral dust"

TRGS 900 "Occupational exposure limits"

TRGS 906 "List of carcinogenic activities or processes according to §3 para. 2 no. 3 GefStoffV"

Technical Instructions on Air Quality Control

Ordinance on Occupational Health Care (ArbMedVV)

BG principles for occupational medical check-ups

MuSchG "Maternity Protection Act"

JuSchG "Youth Protection Act"

### 15.2 Chemical safety assessment

No safety assessment is required for this mixture.

## SECTION 16: Other information

### 16.1 Changes compared to the previous version

Header updated; Paragraph 2.2.1: P-phrase inserted; Paragraph 3.2: "REACH" column removed; Paragraph 6.4: reference inserted; Paragraph 8.1: reference to [www.nepsi.eu](http://www.nepsi.eu) inserted, limit value Germany inserted; Paragraph 9.1: adapted to the information from Regulation (EU) 2020/878; Paragraph 9.2.1, 9.2.2: new inserted; Paragraph 11.1: heading and list adapted to Regulation (EU) 2020/878; Paragraph 11.2: new inserted; Paragraph 12.: editorial changes; paragraph 12.6: new; 14.1, 14.7: adaptation of headings to the aforementioned regulation; paragraph 15.1, 16.2, 16.4: water hazard class was renamed from "VwVwS" to "AwSV" and checked; paragraph 15.2: editorial changes; paragraph 16.6: information on occupational exposure limit value, reference to [www.nepsi.eu](http://www.nepsi.eu) inserted; paragraph 16.7: new; pages 8+9 (no longer current excerpts from [www.nepsi.eu](http://www.nepsi.eu)) removed.

### 16.2 Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ArbMedVV	Ordinance on Occupational Health Care
AwSV	Ordinance on Installations for the Handling of Substances Hazardous to Water
BImSchV	Federal Immission Control Ordinance
BG	Employer's Liability Insurance Association
CAS	Chemical Abstracts Service
CLP	Classification, labelling and packaging (Regulation (EC) No 1272/2008)
GefStoffV	Hazardous Substances Ordinance

# Safety data sheet according to Regulation (EC) No 1907/2006

Trade name: KSL 11046

Created on: 12.12.2014

Version: 1098-2

Replaces: 1098-1

Revised on: 03.07.2024

Page: 8 / 8



IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
IMDG	International agreement on the Maritime transport of Dangerous Goods
PBT	Persistent, bio-accumulative and toxic (persistent, bio-accumulative, toxic)
REACH	Registration, Evaluation and Authorisation of Chemicals (Regulation (EC) 1907/2006)
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SCOEL	Scientific Committee for Occupational Exposure Limits
MSDS	Safety Data Sheet
SIB	Safety Information Sheet
STOT	Specific Target Organ Toxicity
SWeRF	Size Weighted Relevant Fine Fraction
TRGS	Technical rules for hazardous substances
VCi	German Chemical Industry Association
vPvB	Very persistent, very bioaccumulative (very persistent, very bioaccumulative)

## 16.3 References and data sources

As sources of the most important data and technical information, we refer, among other things, to information from the raw material suppliers/manufacturers or the ECHA database on the classification and labelling inventory.

## 16.4 Methods according to Article 9 of Regulation (EC) No 1272/2008 used to assess the information for the purpose of classification

No separate assessment of the mixture was carried out.

The transfer principles for the classification of mixtures according to Regulation (EC) No 1272/2008 Article 6, Paragraph 5 is applied.

The water hazard class of this mixture was categorised in accordance with the AwSV.

The respirable dust content of the quartz component (SiO<sub>2</sub>) was determined using the SWeRF method.

## 16.5 Training for employees

In addition to training programmes for employees on health, safety and the environment, companies must ensure that their employees can read and understand the safety data sheet and implement the requirements.

Employees must be made aware of the presence of crystalline quartz and trained in the proper handling of the product.

## 16.6 Social dialogue on respirable crystalline silica

On 25 April 2006, a cross-industry agreement on the protection of workers' health through the good handling and use of crystalline silica and products containing it was signed. This autonomous agreement, which was financially supported by the European Commission, is based on a guide to good practice. The provisions laid down in the agreement entered into force on 25 October 2006. The agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the agreement, its annexes and the best practice guide are available at <http://www.nepsi.eu> and provide useful information and guidance on the handling of products containing respirable crystalline silica. Literature references are available from EUROSIL (European Association of Industrial Silica Manufacturers).

Occupational exposure limits can also be found at <https://www.nepsi.eu/>.

## 16.7 Information about NANO

We do not use any nanotechnology processes and no synthetic nanomaterials are used in production. However, we cannot rule out the possibility that small quantities of nanoparticles may be present in the material. In order to obtain the desired particle size distribution in our product, the product is crushed and then sieved. It could be that some nanoparticles are produced in such a crushing process. The same also applies to products such as flour or sugar! It is therefore not possible to exclude NANO material.

## 16.8 Exclusion clause

The information in this safety data sheet describes the safety requirements of our product and is based on our current state of knowledge. It does not constitute a guarantee of product properties and does not establish a contractual legal relationship. This safety data sheet is intended solely as a source of information for the user. It has been compiled with the utmost care; no guarantee can be given for the correctness of the data or liability accepted for the consequences of printing, typesetting or transmission errors. Existing laws, ordinances and regulations, including those not mentioned in this data sheet, must be observed by the recipient of our products on their own responsibility.

The translation was carried out with the help of an online tool.