

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 PRODUCT IDENTIFIER

Trade name Scaniavital® Silica Paste
REACH registration number Not applicable

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Relevant identified uses Plant cicatrizing product
Limited conditions of use None

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

	Supplier	Distributor
Street and number	Bara Mineraler AB Malmövägen 305	Biobest Group N.V. Ilse Velden 18
Postcode and city - country	SE-233 44 Bara – Sweden	2260 Westerlo Belgium
Phone	+46 40 54 22 10	+32 14 25 79 80
Fax	+46 40 542219	+32 14 25 79 82
E-mail	info@baramineraler.se	sds@biobest.be

1.4 EMERGENCY TELEPHONE NUMBER

Belgian Poison Centre Tel: +32 70 245 245

SECTION 2 HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Product definition: Mixture

This product is not classified as dangerous according to Regulation (EC) 1272/2008 and Directive 1999/45/EC.

2.2 LABEL INFORMATION

Label elements according to EC-Directive (1999/45/EC)

No labeling required.

Additional phrases on the label

Safety data sheet available for professional user on request.

2.3 OTHER HAZARDS

Substance meets the criteria for PBT under Regulation EC No. 1907/2006, appendix XIII	PBT: No P: No. B: No. T: No (refers to substances containing)
Substance meets the criteria for VpvB under Regulation EC No. 1907/2006, appendix XIII	vPvB: No vP: No. vB: No (refers to substances containing)
Other hazards which do not cause classification	Not applicable.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 MIXTURES

Components	CAS no.	EC no.	Content	Hazardous classification
Clay	NA	NA	40-60%	none
Water	7732-18-5	231-791-2	20-40%	none
Binder	NA	NA	5-10%	none
Emulsifier	NA	NA	1-5%	none
Alcohols, C12-14, etoxylated	68439-50-9	500-213-3	1-3%	Acute Tox. 4; H302 Eye Dam. 1; H318
Glacial acetic acid	200-580-7	64-19-6	1-3%	Flam. Liq. 3; H226 Skin Corr. 1B; H314

See section 16 for the full text of the classification declared above. Occupational exposure limits are mentioned under section 8, if such exist.

SECTION 4 FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Following inhalation	Remove to fresh air and rest. Obtain medical attention if breathing difficulty persists.
Following skin contact	Remove contaminated clothing. Wash the skin properly with soap and water. Get medical attention if irritation persists.
Following eye contact	Hold eyelids apart and rinse with water for a couple of minutes. Remove any contact lenses. If irritation or redness persists, seek medical attention.
Following ingestion	Wash mouth properly with water. If patient is fully conscious, give two glasses of water. Contact physician if larger quantity has been consumed or if abdominal pain persists.

4.2 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Notes to physician	Treat symptomatically.
Specific treatments	No specific treatment.

SECTION 5 FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

The product is clay and water based and is not combustible.

Adequate media Use an extinguishing agent suitable for surrounding fires.

Unsuitable media Not relevant

5.2 SPECIAL HAZARD ARISING FROM THE SUBSTANCE OR MIXTURE

No fire or explosion hazard exists.

5.3 ADVICE FOR FIREFIGHTERS

5.3.1. Special protective actions for fire-fighters Avoid inhalation of vapour

5.3.2 Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Provide adequate ventilation. Avoid contact with skin and eyes.

Wear protective clothing, safety gloves made of nitrile rubber, neoprene or butyl rubber

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid dispersal of spilt material in waterways and sewers or contaminate soil and vegetation.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Absorb residue with vermiculite, clay, sand or other suitable material. Take up spill mechanically with suitable equipment (shovel) and store in original container for reuse. If spill cannot be used, store it in sealed containers for disposal. Clean contaminated areas and items with detergent and water. Collect water for disposal. Dispose of collected material, as well as material from the cleaning, as other waste, see section 13.

6.4 REFERENCES TO OTHER SECTIONS

See section 8 for personal protective equipment.

See section 13 for handling of waste materials.

SECTION 7 HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

No special measures required. Avoid contact with skin and eyes.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a dry place at temperatures between 5-20°C. Keep container tightly closed.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

No specific occupational exposure limits exist.

8.2 EXPOSURE CONTROLS

Avoid contact with skin and eyes. Wash hands with soap and water before breaks and at end of work shift.

Eye and face protection	In case of risk of splash wear chemical safety goggles
Hand protection	Wear suitable impervious protective gloves of nitrile rubber, nitrile or butyl rubber.
Body protection	Wear appropriate protective clothing.
Respiratory protection	Not relevant.
Thermal hazards	Non-flammable product
Environmental exposure controls	Avoid release to the environment

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	paste
Color	red
Odour	odorless
Density	appr. 1,5 g/cm ³ at 20°C.
pH	5-6
Solubility n-octanol/water	soluble in water.
Flash point	non-combustible product
Viscosity	viscous
Vapour density	Not determined
Vapour pressure	Not determined
Boiling point	Not determined
Melting point	Not determined
Partition coefficient: n-octanol/water	Not determined

9.2 OTHER INFORMATION

None.

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity	Not reactive
10.2 Chemical stability	Stable under normal conditions of use and storage.
10.3 Possibility of hazardous reactions	Will not occur.
10.4 Conditions to avoid	None.
10.5 Incompatible materials	None.
10.6 Hazardous decomposition products	Non-combustible product.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	No specific data is available for the product. Long term use and experience indicates no danger to health and the product contains no ingredients that are known to be hazardous in the concentrations used in the product.
Skin corrosion/irritation	Not irritating to eyes and skin.
Respiratory or skin sensitisation	The product does not contain any sensitizing agents.
Carcinogenicity	The chemical structure does not indicate any carcinogenic effects.
Germ cell mutagenicity	The chemical structure does not indicate any mutagenic effects.
Reproductive toxicity	The chemical structure does not indicate any reproduction toxic effects.
STOT-single exposure	Based on available information an organ specific toxicity is not expected for the product.
STOT-repeated exposure	Based on available information an organ specific toxicity is not expected for the product.
Aspiration hazard	There is no danger of aspiration.

SECTION 12 ECOLOGICAL INFORMATION

12.1 TOXICITY

Test	Value/unit	Test method	Exp. time	Species
Fish LC50	> 100 mg/l		96 h	--
Daphnia EC50	> 100 mg/l		48 h	Daphnia magna
Algae IC50	> 100 mg/l		72 h	Green alga

Calculated values. The product doesn't contain any substances that are known to be dangerous for the environment in the concentrations used in the product. The product is not expected to be harmful to aquatic organisms.

12.2 PERSISTENCE AND DEGRADABILITY

The product as such will be classified as not readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation is not expected.

12.4 MOBILITY IN THE SOIL

Soil/water partition coefficient (KOC) This product is viscous and soluble in water.

Mobility The product is not expected to be mobile in the soil profile.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

The product contains no substances which are identified as a PBT substance. (substance that is persistent, bioaccumulative and toxic).

12.6 OTHER ADVERSE EFFECT

None

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 PRODUCT/PACKAGING DISPOSAL

Non-hazardous waste. Dispose of in accordance with local regulations. See EWC-code below.

13.2 EUROPEAN WASTE CATALOGUE (EWC)

EWC Waste Code	Type of waste
02 01 09	Agrochemical waste other than those mentioned in 02 01 08.

SECTION 14 TRANSPORT INFORMATION

The product is not classified as dangerous following ADN, ADR/RID, IMDG and IATA.

SECTION 15 REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR PREPARATION

Safety data sheet prepared in accordance with Regulation (EC) No 67/548/EG, 1999/45/EC is available under section 2. This Safety Data Sheet is prepared in accordance with Annex II of the REACH Regulation (EC) 1907/2006 and Regulation (EC) No. 453/2010 Appendix I.

Authorisation Not required.

Restriction in use	None.
Other EU legislation	This product contains no substances covered by the Seveso Directive, no ozone depleting substance and no a persistent organic pollutant.
Other National legislation	Not required.

15.2 CHEMICAL SAFETY ASSESSMENT

Not relevant for mixtures

SECTION 16 OTHER INFORMATION

THE PRODUCER'S NOTES

Safety data sheet prepared and approved by Bara Mineraler AB, Sweden.

Further information

No labeling required. Safety data sheet available for professional user on request.

LIST OF R-PHRASES MENTIONED UNDER SECTION 2 AND 3

No.	R-phrases
R10	Flammable.
R22	Harmful if swallowed.
R35	Causes severe burns.
R41	Risk of serious damage to eyes.

No.	H-Statements
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes Serious eye damage.

Revision summary

Version	Revision Date	Responsible party	Changes in the following sections
--	--	--	--