

PRB MINERALISANT FACADE

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

1.1 - Product identifier

Tradename/designation PRB MINERALISANT FACADE

Chemical name

Product-type Mixture

Product code MINERALFAC5 - 20 - 1000

UFI: Y8DO-90GK-5009-SX9U

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

Relevant identified uses - Professional use of facade/surface cleaning products

Uses advised against - No information available.

1.3 - Details of the supplier of the safety data sheet

PRB

16 rue de la Tour - 85150 LES ACHARDS - FRANCE

Telephone: 02 51 98 10 10 Fax: 02 51 98 10 21

sécurité contact@prb.fr

UK importer : PRB SYSTEMS Ltd Montis Court, Bouncers Lane, Cheltenham, GL52 5JG. www.prbsystems.co.uk. Contact 01242 524228

1.4 - Emergency telephone number

- UK : National Poisons Information Service (Birmingham Centre) City Hospital (UNITED KINGDOM) Dudley road B18 7 QH Birmingham 08706006266 (UK only) United Kingdom

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Corr. 1A	Skin corrosion, Category 1A
Eye Dam. 1	Serious eye damage, Category 1

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: potassium methylsilanetriolate (CAS No.: 31795-24-1)

Signal word : Danger

Hazard pictograms



Hazard statements

H314	Causes severe skin burns and eye damage
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Precautionary statements

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P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/a doctor.
P321	Specific treatment (see information on this label).
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container in an approved treatment center in accordance with local/regional/national/international regulation.

EUH-phrases : None

Regulation (EC) No. 648/2004 (Detergents regulation)



2.3 - Other hazards

PBT-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

vPvB-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Other hazards which do not result in classification - No information available.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
potassium methylsilanetriolate	CAS No. : 31795-24-1 Index No. : EC No. : 250-807-9 REACH No. : 02-2119752720-42-0000	>= 10 - < 25	Skin Corr. 1A - H314	M-factor: 100000

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Remove casualty to fresh air and keep warm and at rest.
- Seek medical advice immediately.

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Following skin contact

- Provide fresh air.
- After contact with skin, wash immediately with plenty of water and soap.
- Remove contaminated, saturated clothing immediately.
- Call a physician in any case!

After eye contact

- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

- If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
- Do NOT induce vomiting.

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

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - Causes skin irritation.

Symptoms and effects - After eye contact - Serious eye damage/eye irritation

Symptoms and effects - After ingestion - No information available.

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

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media - Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - Hazardous combustion products

Hazardous decomposition products - Pyrolysis products, toxic

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Use personal protection equipment.

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For emergency responders - Wear personal protection equipment (refer to section 8).

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - Soak up inert absorbent and dispose as waste requiring special attention.

Methods and material for cleaning up - Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Clear contaminated areas thoroughly.

Inappropriate techniques - No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - Avoid: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact

Advices on general occupational hygiene - Wash contaminated clothing prior to re-use.
- When using do not eat, drink, smoke, sniff.
- Wash hands before breaks and after work.
- Work in well-ventilated zones or use proper respiratory protection.

7.2 - Conditions for safe storage, including any incompatibilities

- Store in a place accessible by authorized persons only.
- Keep away from: Food and feedingstuffs
- Only use containers specifically approved for the substance/product.

7.3 - Specific end use(s)

- No information available.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls - Wear personal protection equipment (refer to section 8).

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Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection



- Suitable eye protection: Face protection umbrella



- Suitable protective clothing: Protective apron



- Protective clothing



Environmental exposure controls

- Do not contaminate water with the product or its container
(Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	<u>Liquid</u>	<u>Appearance</u>	<u>Liquid</u>
<u>Colour</u>	light yellow	<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		11 < V < 12	
Melting point		No data available	
Freezing point		No data available	
Boiling point		90 °C < V < 110 °C	
Flash point		No data available	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		1,2 < V < 1,3	
Density		No data available	
Solubility (Water)		100 % very soluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	

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Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- No information available.

10.5 - Incompatible materials

- Acid

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.
- Carbon dioxide (CO₂)

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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- Based on available data, the classification criteria are not met.

Toxicity : Substances

potassium methylsilanetriolate (31795-24-1)

LD50 oral (rat)	2000 mg/kg
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Skin corrosion/irritation - Skin corrosion, Category 1A - Causes severe skin burns and eye damage

- Corrosive.

Serious eye damage/eye irritation - Serious eye damage, Category 1

- Risk of serious damage to eyes.
- Causes serious eye irritation.
- Corrosive.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or more.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

potassium methylsilanetriolate (31795-24-1)

LC50 96 hr fish	< 100 mg/l
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- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 - Endocrine disrupting properties

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

- The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named 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 with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- Do not allow to enter into surface water or drains. - Soak up inert absorbent and dispose as waste requiring special attention.
<u>Special precautions for waste treatment</u>	- Waste for disposal is to be classified and labelled. - Do not mix with other wastes. - Consult the appropriate local waste disposal expert about waste disposal.
<u>Community or national or regional provisions</u>	- Dispose according to legislation.

SECTION 14: Transport information

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14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

Not applicable

14.4 - Packing group

Not applicable

14.5 - Environmental hazards

Not applicable

14.6 - Special precautions for user

Not applicable

14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Substances REACH None
candidates

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

Regulation (EC) No. 648/2004 (Detergents regulation)

Website <http://www.biochim-industrie.com/>

15.2 - Chemical Safety Assessment

Chemical safety assessment carried - No information available.
out for the product

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1,01	14/11/2023		regulatory update
1	22/01/2022		

Abbreviations and acronyms

- Aquatic Chronic 3: Dangers pour le milieu aquatique- toxicité à long terme pour le milieu aquatique – Catégorie 3
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- Eye Irrit. 2: Lésions oculaires graves/irritation oculaire – Catégorie 2

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- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- IATA: International Air Transport Association
- IMDG: International Maritime Code for Dangerous Goods
- Skin Irrit. 2: Corrosion cutanée/irritation cutanée – Catégorie 2
- Skin Sens. 1: Sensibilisation cutanée – Catégorie 1
- Skin Sens. 1B: Sensibilisation cutanée – Catégorie 1B
- SVHC substance.
- Land transport (ADR/RID)

Data sources:

Supplier
[Http://echa.europa.eu/](http://echa.europa.eu/)

Texts of the regulatory sentences

Eye Dam. 1	Serious eye damage, Category 1
H314	Causes severe skin burns and eye damage
Skin Corr. 1A	Skin corrosion, Category 1A

Training advice

- Further information: see technical data sheet.
- Observe technical data sheet.

In conformity with Regulation (EC) No 2020/878

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