

SAFETY DATA SHEET

according to Regulation No 1907/2006 of the European Parliament and of the Council

Date of compilation: 04. 04. 2019

Revision: - - -

Replaced version: - - -

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Trade Name: **Black salve**

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

1.1 Product identifier:

Trade Name:	Black salve
Mixture description:	A mixture of herbs and excipients.

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

Identified uses:	Product is used for impregnation of new canvases.
Uses advised against:	Not determined.

1.3 Details of the supplier of the safety data sheet:

Ribera group, s.r.o.

Chotěšovská 680/1, 190 00 Praha 9, Czech republic

tel.: + 420 702 072 542

Osoby odpovědné za bezp. list: info@azvita.cz

1.4 Emergency telephone number:

112 (General emergency phone)

Health and Safety Executive (HSE) Chemicals Regulation Directorate

4N.G Redgrave Court, Merton Road, Bootle, Merseyside. L20 7HS

Telephone: +44 151 951 3317

Email: [biocidesenquiries \(at\) hse.gsi.gov.uk](mailto:biocidesenquiries@hse.gsi.gov.uk)

SECTION 2: Hazards identification

The mixture is **not classified** as dangerous according to 1272/2008/EC.

2.1 Classification of the mixture:

according to 1272/2008/EC	not classified as dangerous
Full text of H-phrases: see section 16.	

The most important adverse physicochemical, human health and environmental effects:

There are not known any harmful effects to our experience and the information provided to us.

2.2 Label elements:

hazard pictograms	not available
signal word	not available
substances stated on the label	not available
hazard statements	not available
precautionary statements	not available
supplemental hazard information	not available

2.3 Other hazards:

The mixture meets not the criteria for PBT or vPvB .

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical identity	CAS - No.	EC-No.	Content (wt. %)	Classification 1272/2008/EC
zinc chloride	7646-85-7	231-592-0	< 0,25	Acute Tox. 4; H302 Skin Corr. 1B; H314 STOT SE 3; H335; c ≥ 5 Aquatic Acute 1; H400, M=1 Aquatic Chronic 1; H410, M=1

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SECTION 4: First aid measures

In all cases keep the person at physical and mental rest and warm.

4.1 Description of first aid measures:

Inhalation:

Breake the exposure, transfer the person to the fresh air, apply artificial respiration, if the person is not breathing.

Skin contact:

Take off contaminated clothing and flush affected area with plenty of water (preferably lukewarm). Do not use solvent.

Eye contact:

Rinse with plenty of water for at least 10-15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Move to the physician while continue rinsing.

Ingestion:

Rinse out mouth with clean water, give water to drink, do not induce vomiting. Consult a physician.

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

Symptoms of poisoning: eyes – mild irritation, ingestion – mild irritation to mucous membranes contacted, stomach ache and vomiting.

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

Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Use fire extinguishing media such as alcohol resistant foam, dry chemical, carbon dioxide or water mist.

Extinguishing media which shall not be used for safety reasons:

Solid streams of water may be ineffective.

5.2 Special hazards arising from the mixture:

Emits toxic fumes under fire conditions (carbon and sulphur oxides). Do not inhale combustion products – it can be dangerous for health. Fire water must be contained and prevented from being discharged to any waterway, sewer or drain.

5.3 Advice for firefighters:

In the event of fire, wear self-contained breathing apparatus and clothing protective against chemicals.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Ensure adequate ventilation.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Do not allow to enter waters or soil. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil).

6.3 Methods and material for containment and cleaning up:

Small spill: absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: take up mechanically in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections:

Protective equipment: see section 8. Dispose according to the section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Handle in accordance with good hygiene and safety practices. Ensure adequate ventilation of area, where the product is used. Do not empty in sewage.

When using, do not eat, drink or smoke. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities:

Store in original tightly closed packing in dry and well-ventilated areas. Recommended storage temperature: +10 - +25 °C. Protect from heat and direct sunshine.

7.3 Specific end use(s):

See section 1.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure limit value:

zinc chloride fumes:

Long-term exposure limit: 1 mg/m³; Short-term exposure limit: 2 mg/m³.

8.1.2 DNEL, PNEC:

Not available.

8.2 Exposure controls

Where exposure cannot be prevented by other means the use of individual protection measures, such as personal protection equipment is necessary. Ensure adequate ventilation of the workplace.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. Personal protective equipment must meet requirements of directive 89/686/EC.

Respiratory protection:

Respiratory protection is not required by adequate ventilation.

Hand protection:

Handle with gloves. Gloves must be inspected prior to use.

Eye/face protection:

Not required by identified uses.

Skin protection:

Handle with suitable protective clothing.

When handling do not eat, drink or smoke. Before break and after work wash carefully hands.

Environmental exposure reduction:

Uncontrolled escape of substance/formulation into environment is to be avoided.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance (at 20 °C):

paste, brown-black

Odour:

of herbs

Odour threshold:

not determined

pH (at 20 °C):

approx 7

Melting point/freezing point:

not determined

Boiling point (range):

not determined

Flash point:

> 100 °C (according to components)

Evaporation rate:

not available

Flammability (solids, gases):

not available

Explosive limits

lower: (% vol.)

not available

upper: (% vol.)

not available

Vapour pressure: (20 °C)

not determined

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Vapour density:	> 1 (air=1)
Relative density:	approx 1,1 g/ml
Solubility in water (20 °C) :	partly
Partition coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
Viscosity:	not determined
Explosive properties:	non explosive
Oxidising properties:	no

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity:

Stable.

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

Not known.

10.4 Conditions to avoid:

Protect from heat, humidity, direct sunshine.

10.5 Incompatible materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Emits toxic fumes under fire conditions (carbon and sulphur oxides).

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:	
- <i>LD₅₀ oral, rat (mg.kg⁻¹):</i>	1100 (for zinc chloride), ATE >> 2000
- <i>LD₅₀ skin, rat or rabbit (mg.kg⁻¹):</i>	no data available
- <i>LC₅₀ inhalation, rat, gas or vapour (mg.m³):</i>	no data available
Skin corrosion/irritation:	no
Serious eye damage/irritation:	no
Respiratory or skin sensitisation:	no
Carcinogenicity:	no
Germ cell mutagenicity:	no
Reproductive toxicity:	no data available
Specific target organ toxicity after single exposure:	no
Specific target organ toxicity after repeated exposure:	no data available
Aspiration toxicity:	no

Signs and Symptoms of Exposure:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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SECTION 12: Ecological information

12.1 Toxicity:

- LC ₅₀ 96 H, fish (mg.l ⁻¹):	0,780 (for zinc chloride)
- EC ₅₀ 24 H, daphnia (mg.l ⁻¹):	0,413 (for zinc chloride)
- IC ₅₀ 72 H, algae (mg.l ⁻¹):	0,136 (for zinc chloride)

12.2 Persistence and degradability: not ready biodegradable

12.3 Bioaccumulative potential low

12.4 Mobility in soil: low adsorption on soil

12.5 Results of PBT and vPvB assessment: mixture meets not the criteria for PBT or vPvB

12.6 Other adverse effects:
none known

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Disposal methods of the mixture and the contaminated packaging:

This material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Do not empty in sewage. Waste packaging should be recycled. Contact a licensed professional waste disposal service to dispose of this material.

Legislation for wastes:
directive 2008/98/EC

SECTION 14: Transport Information

14.1 UN number: not applicable

14.2 UN proper shipping name:

- ADR/RID/IMDG/IATA 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 Transport in bulk according to Annex II of MARPOL and the IBC Code: not applicable

ADR/RID:

- classification code not applicable

- labels not applicable

- hazard identification code not applicable

- tunnel restriction code not applicable

IMDG:

- EmS not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the mixture:

Regulation No. 1907/2006/ES, REACH.

Regulation No. 1272/2008/ES, CLP.

15.2 Chemical safety assessment:

Chemical safety assessment not required.

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SECTION 16: Other information

Reason for alteration:

First edition.

Key or legend to abbreviations and acronyms used in the safety data sheet:

Acute Tox. 4	acute toxicity, cat. 4
Skin Corr. 1B	corrosion, cat. 1B
STOT SE 3	specific target organ toxicity after single exposure, cat. 3
Aquatic Acute 1	hazardous to the aquatic environment, acute, cat. 1
Aquatic Chronic 1	hazardous to the aquatic environment, chronic, cat. 1
NOEC	No Observed Effect Concentration
PBT	Persistent, bioaccumulative, toxic chemical
vPvB	Very Persistent and Very Bioaccumulative chemical
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
CLP	regulation No. 1272/2008/EC
REACH	regulation No. 1907/2006/EC

Sources of key data used to compile the Safety Data Sheet:

Chemical databases and tables, producers MSDS.

List of H-phrases:

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects

Training advice:

According to MSDS.

Relevant information for classification:

According to the latest editions of the EU-lists.

The information and recommendations contained herein are based upon data believed to be correct. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Health and Safety precautions detailed in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this data in order to comply with all applicable laws and regulations. It is the user's obligation to determine the suitability of use of the product for a particular application.