

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

ALKANET POWDER

1. Identification of the substance/mixture and company

Trade name: Alkanet powder
 I.N.C.I. Alkana Tinctoria Root Extract
 CAS No. : 517-88-4 / 23444-65-7 / 85251-58-7
 EINESCS No. : 286-469-4
 REACH pre-registration No. : na
 Utilization: Raw material for cosmetics, soaps, hair coloring.
 Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
 Tel/Fax: +40259-436.755, www.ellemental.com
 Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
 International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2 Label elements

None.

2.3 Other hazards

Product fails to meet PBT/vPvB criteria

3. Declaration of ingredients

3.1. Substances

The product contains the following ingredients:

Substance	C.A.S.	EINECS	Percent %
Alkanet root powder	517-88-4 / 23444-65-7 / 85251-58-7	286-469-4	100%

3.2. Mixtures

Non applicable

4. First aid measures

4.1 Description of first aid measures

General information: If used properly, no special measures necessary.

In case of contact with skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

In case of contact with eyes: Rinse immediately carefully and thoroughly with eye-bath or water.

In case of inhalation: Provide fresh air.

In case of ingestion: Rinse mouth immediately and drink plenty of water.

4.2 Main symptoms and effects, both acute and delayed

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No information available.

4.3 Indication to consult a physician immediately or any special treatments

Treat symptomatically.

5. Fire fighting measures

5.1 Means of extinction

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

Non-flammable.

5.3 Recommendations for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

Avoid dust formation. Do not breathe dust.

6.2 Environmental precautions

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

6.3 Methods and materials for containment and remediation

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: No special measures are necessary.

Advice on protection against fire and explosion: No special fire protection measures are necessary.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Keep container tightly closed.

Hints on joint storage: No special measures are necessary.

7.3 Specific end uses

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8. Exposure controls / personal protection

8.1 Control parameters

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no specific control parameters

DNEL (Workers): Non-applicable

DNEL (General population): Non-applicable

PNEC: Non-applicable

8.2 Exposure controls

General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding CE marking in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,) consult the information leaflet provided by the manufacturer. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

Hand protection: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection: Wear suitable protective clothing.

Eye protection: Wear eye protection/face protection.

Respiratory protection: In case of inadequate ventilation wear respiratory protection.



9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance:

Physical state at 20 °C: Solid

Appearance: Powder

Colour: Purple red

Odour: Characteristic, earthy

Boiling point at atmospheric pressure: Not available

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Vapour pressure at 20 °C: Non-applicable
Vapour pressure at 50 °C: Non-applicable
Evaporation rate at 20 °C: Non-applicable
Density at 20 °C: Not available
Relative density at 20 °C: Not available
Dynamic viscosity at 20 °C: Non-applicable
Kinematic viscosity at 20 °C: Non-applicable
pH at 10% in water: 7,0 - 7,5
Vapour density at 20 °C: Non-applicable
Partition coefficient n-octanol/water 20 °C: Not available
Solubility in water at 20 °C: insoluble
Decomposition temperature: > 250 °C
Melting point/freezing point: Non-applicable
Explosive properties: not explosive
Oxidising properties: Not available
Flash Point: >200°C
Flammability (solid, gas): not flammable
Autoignition temperature: Not available
Lower flammability limit: Not available
Upper flammability limit: Not available
Lower explosive limit: Non-applicable
Upper explosive limit: Non-applicable

9.2 Other information

None

10. Stability and reactivity

Stable under normal conditions of use.

10.1 Responsiveness

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of dangerous reactions

No known hazardous reactions.

10.4 Conditions to avoid

None.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

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11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

Irritation and corrosivity: Based on available data, the classification criteria are not met.

Sensitising effects: Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

12. Ecological information

12.1 Toxicity

The product is not: Ecotoxic.

12.2 Persistence and degradability

The product has not been tested.

12.3 Bioaccumulation potential

The product has not been tested.

12.4 Ground mobility

The product has not been tested.

12.5 Results of PBT and vPvB assessment

The product has not been tested.

12.6 Other adverse effects

No information available.

Further information: Avoid release to the environment.

13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal: Dispose of waste according to applicable legislation.

Contaminated packaging: Wash with plenty of water. Completely emptied packages can be recycled.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

14. Transport information

14.1 UN number

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ADR: Not classified
IMDG: Not classified
IATA: Not classified
Customs Code: Not classified

14.2 UN shipping name

ADR: Not classified
IMDG: Not classified
IATA: Not classified

14.3 Class of danger for transport

ADR: Not classified
IMDG: Not classified
IATA: Not classified

14.4 Packing group

ADR: Not classified
IMDG: Not classified
IATA: Not classified

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for users

No information available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable.

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc.): Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

15.2 Chemical safety assessment.

For this substance a chemical safety assessment has not been carried out.

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16. Additional information

16.1 Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.