

1 Bezeichnung des Stoffes / der Zubereitung und des Unternehmens Identification of the substance/preparation and of the company/undertaking

1.1 Bezeichnung des Stoffes oder der Zubereitung / Identification of the substance or preparation

Akticol FA-UF is a chemically activated, highly effective activated carbon powder of vegetable origin.

Handelsname / Trade name

Akticol FA-UF.

Artikelnummer / Art.-no.

1221x.

1.2 Verwendung des Stoffes / der Zubereitung / Use of the substance / preparation

1.2.1 Identifizierte Verwendung(en) / Identified use(s)

Industrie / Gewerbe / Industry / Professional: According to Erbslöh product leaflet.

Privat / Private: None.

1.3 EG-Inverkehrbringer / EC market responsible person

1.3.1 Bezeichnung des Unternehmens / Company/undertaking identification

Erbslöh Geisenheim AG, Erbslöhstraße 1, 65366 Geisenheim, Germany

E-Mail: info@erbsloeh.com, Internet: www.erbsloeh.com

1.3.2 Notrufnummer / Emergency telephone:

Tel: +49 (0) 6722 708-0: Diese Nummer ist nur zu Bürozeiten von Mo-Fr besetzt. This number is serviced during office hours from Monday-Friday.

2 Mögliche Gefahren / Hazards identification

2.1 Einstufung / Classification:

The preparation is not dangerous in the sense of EC directives.

2.2 Andere Gefahren / Other hazard(s):

No special remarkable hazards for human and environment.

3 Zusammensetzung/Angaben zu Bestandteilen / Composition/information on ingredients

3.1. Chemische Charakterisierung (Stoff) / Chemical characterization (substance)

Chemische Bezeichnung / Chemical name: : Activated carbon [CAS-no.7440-44-0], [EINECS no.: 231-153-3]

Synonym(e) / Synonyme(s): ---.

Gefahrensymbol(e) / Hazard(ous) symbol(s):

R-Sätze / R-phrases: None.

Gefährliche Bestandteile / Verunreinigungen / Hazard(ous) ingredients / impurity(ies):

None.

3.2. Zusätzliche Hinweise / Additional information:

Combustible product.

4 Erste-Hilfe-Maßnahmen / First aid measures

4.1 Allgemeine Hinweise / General informations

No special measures are necessary.

4.2 Nach Einatmen / In case of inhalation

If irritation occurs, remove to fresh air and seek medical advice.

4.3 Nach Hautkontakt / In case of skin contact

Wash off with water and soap.

4.4 Nach Augenkontakt / In case of eye contact

In case of contact with eyes, rinse immediately thoroughly with plenty of water and consult an ophthalmologist.

4.5 Nach Verschlucken / In case of ingestion

If swallowed immediately drink water.

4.6 Selbstschutz des Ersthelfers / Self-protection of the first aider

First aider: Pay attention to self-protection!

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5 Maßnahmen zur Brandbekämpfung / Fire-fighting measures

5.1 Geeignete Löschmittel / Suitable extinguishing media

Suitable extinguishing media: water, carbon dioxide (CO₂), foam, extinguishing powder.

5.2 Löschmittel, die aus Sicherheitsgründen nicht zu verwenden sind / Extinguishing media which must not be used for safety reasons

Co-ordinate fire-fighting measures to the fire surroundings.

5.3 Besondere Gefährdungen / Special exposure hazards

Under certain conditions, carbon dust/air mixtures can produce an explosive atmosphere.

5.4 Besondere Schutzausrüstung für die Brandbekämpfung / Special protective equipment for fire-fighters

Wear full protective clothing.

6 Maßnahmen bei unbeabsichtigter Freisetzung / Accidental release measures

6.1 Personenbezogene Vorsichtsmaßnahmen / Personal precautions

Avoid generation of dust.

6.2 Umweltschutzmaßnahmen / Environmental precautions

No special environmental measures are necessary.

6.3 Verfahren zur Reinigung / Methods for cleaning up

Take up mechanically and dispose of appropriately. Avoid making dust.

6.4 Zusätzliche Hinweise / Additional information

No additional information.

7 Handhabung und Lagerung / Handling and Storage

7.1. Handhabung / Handling

Working places should be designed to allow cleaning at any time. Avoid generation of dust. Wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas be followed. Appropriate protective equipment should be worn.

7.2. Lagerung / Lagerbedingung / Storage / storage conditions

Store in a cool, dry, well-ventilated place, protected from foreign odours. Keep separated from oxidizing substances, unsaturated oils, metal salts, sources of direct heat or naked flames. Store dry in original packaging, shrink or stretch wrapped on pallets. Do not pile up.

7.3. Bestimmte Verwendung(en) / Specific use(s)

See product leaflet.

8 Begrenzung und Überwachung der Exposition / persönliche Schutzausrüstung / Exposure controls / Personal protection

8.1. Expositionsgrenzwerte / Exposure limit values

No substance related limit value available.

8.2. Begrenzung und Überwachung der Exposition / Exposure controls

8.2.1. Begrenzung und Überwachung der Exposition am Arbeitsplatz / Occupational exposure controls.

a) Atemschutz / Occupational exposure controls

In case of dust: use a filter type P2 mask.

b) Handschutz / Hand protection

Recommended.

c) Augenschutz / Eye protection

In case of dust: wear tightly fitting goggles.

Andere Schutzmaßnahmen / Additional protection measures:

When using do not eat, drink, smoke, sneeze. Wash with water and soap. Avoid dust formation. Suck off if necessary.

8.2.2. Begrenzung und Überwachung der Umweltexposition / Environmental exposure controls

See section 7. No additional measures necessary.

8.2.3. Begrenzung und Überwachung des Stoffes in Verbraucher- oder Folgeprodukten / Substance control in consumer or downstream products

No special measures necessary.

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9 Physikalische und chemische Eigenschaften / Physical and chemical Properties

9.1 Erscheinungsbild / Appearance

Form / Physical state: Powder.
Farbe / Colour: Black.
Geruch / Smell: Neutral.

9.2 Wichtige Angaben zum Gesundheits- und Umweltschutz sowie zur Sicherheit / Important health, safety and environmental information

Schüttgewicht / Bulk density: 200-700 g/L.
Dichte / density: Not applicable.
pH-Wert (20 °C) / pH-value: approx. 1- 5 (suspension 5 %)
Schmelzpunkt / Melting point : Not applicable.
Siedepunkt / Boiling temperature : No data available.
Selbstentzündlichkeit / Autoignition :: Critical temperature: < 140 °C.
Explosionsgefahr / Explosive properties: Dust explosible.
Wasserlöslichkeit / Water solubility: Suspensible.

10 Stabilität und Reaktivität / Stability and Reactivity

10.1 Zu vermeidende Bedingungen / Conditions to avoid

Danger of dust explosion. Reaction takes place at temperatures above 100 °C. Avoid electrostatic charge

10.2 Zu vermeidende Stoffe / Materials to avoid

Oxidizing substances, unsaturated oils, metal salts.

10.3 Gefährliche Zersetzungsprodukte / Hazardous decomposition products

Carbon dioxide and carbon monoxide.

11 Toxikologische Angaben / Toxicological information

11.1 Toxikinetik, Stoffwechsel und Verteilung / Toxicokinetics, metabolism and distribution

According to the present state of knowledge toxic effects are not expected.

11.2 Akute Wirkungen (akute Toxizität, Reiz- und Ätzwirkung) / Acute Effects (acute toxicity, Irritant and corrosive effects)

According to the present state of knowledge acute toxic effects are not expected. Mechanical irritation on eyes possible

12 Umweltbezogene Angaben / Ecological information

12.1 Ökotoxizität / Ecotoxicity

According to the present state of knowledge negative ecological effects are not expected.

12.2 Mobilität / Mobility

According to the present state of knowledge negative ecological effects are not expected.

12.3 Persistenz und Abbaubarkeit / Persistence and degradability Part of the components is biodegradable.

12.4 Bioakkumulationspotential / Bioaccumulative potential No indication to bioaccumulation potential.

12.5 Ergebnis der Ermittlung der PBT-Eigenschaften / Results of PBT assessment

This substance does not meet the criteria for classification as PBT or vPvB..

12.6 Andere schädliche Wirkungen / Other adverse effects

According to the present state of knowledge negative ecological effects are not expected.

13 Hinweise zur Entsorgung / Disposal considerations

13.1 Entsorgung / Abfall (Produkt) / Appropriate disposal / product

Dispose of waste according to applicable local, state, and federal regulations. If dangerous substances have been adsorbed, take care that environment is not polluted.

Empfehlung / Recommendation

None.

13.2 Entsorgung der Verpackung / Appropriate disposal / packaging

Dispose of waste according to applicable local, state, and federal regulations.

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14 Angaben zum Transport / Transport information

14.1 Landtransport (ADR/RID/GGVSE) / Land transport (ADR/RID)

UN 1362 Carbon, activated ; 4.2; S2; Packing Group III, ADR/RID.

14.2 See (IMDG), Binnen (A.D.N.R.) / Seeschiffstransport (IMDG), Binnenschiffstransport (ADNR)

UN 1362 Carbon, activated ; 4.2; S2; Packing Group III.

Proper Shipping Name: CARBON, ACTIVATED

14.3 Luft (IATA) / Air transport (IATA)

UN 1362 Carbon, activated ; 4.2; S2; Packing Group III.

Name: CARBON, ACTIVATED

15 Rechtsvorschriften / Regulatory information

15.1 EU-Vorschriften / EU-Regulations

According to EU-regulations the product does not have to be labelled.

15.1.1 Stoffsicherheitsbeurteilung / Chemical Safety Assessment

Gefahrensymbole und Gefahrenbezeichnungen / Gefahrensymbol(e) und Gefahrenbezeichnung(en)

None.

Gefahrbestimmende Komponente(n) zu Etikettierung / Hazard(ous) component(s) for labelling:

None.

R- Sätze / r-phrases

None.

S- Sätze / S-phrases

None.

Besondere Kennzeichnung bestimmter Zubereitungen / Special provisions concerning the labelling of certain preparations

According to EU-regulations the product does not have to be labelled.

15.2 Nationale Vorschriften / National regulations

Wassergefährdungsklasse / Water hazard class (WGK): nwg (non-water polluting substance).

16 Sonstige Angaben / Other information

16.1 Wortlaut der R-Sätze unter Abschnitt 2 / Relevant R-phrases (Number and full text): None.

16.1 Schulungshinweise Training instructions: None.

16.1 Weitere Informationen / Further information: Please refer to our internet website for more information..

Mit den vorstehenden Angaben, die dem heutigen Stand unserer Kenntnisse und Erfahrungen entsprechen, wollen wir unser Produkt im Hinblick auf etwaige Sicherheitserfordernisse beschreiben, verbinden damit jedoch keine Eigenschaftszusicherungen und Qualitätsbeschreibungen. Bestehende Gesetze und Bestimmungen sind vom Anwender in eigener Verantwortung zu beachten.

With the information given, which complies with our present knowledge and experience, we would like to describe our products in view of possible safety requirements, however we do not combine any warranty of product property or quality. Laws and regulations currently in force, have to be adhered to by the user.

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