

Basacote K-Max 0-0-48 (3M)

Version: 2.1

Revision Date: 28.08.2017

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Basacote K-Max 0-0-48 (3M)

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

Use of the Substance/Mixture : Fertilizer

1.3 Details of the supplier of the safety data sheet

Company : COMPO EXPERT GmbH
Krögerweg 10
D-48155 Münster

Telephone : +49 (0) 251 29 79 81 - 000

Telefax : +49 (0) 251 29 79 81 - 111

E-mail address : info@compo-expert.com

1.4 Emergency telephone number

Central Safety & Environment
Telephone: +49 (0) 2151 579 - 0

2. Hazards identification

2.1 Classification of the substance or mixture

Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

2.3 Other hazards

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

Hazardous Materials Information Label (HMIS)

Health: 1

Flammability: 0

Physical Hazard: 0

Personal Protection: -

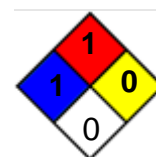
NFPA Hazard Ratings

Health: 1

Flammability: 0

Reactivity: 0

Unique Hazard:



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3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : Fertilizer
potassium sulphate
coated

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Potassium sulfate	7778-80-5 231-915-5 01- 2119489441- 34-0018		<= 100

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

General advice : If symptoms persist, seek medical advice.
If inhaled : If breathed in, move person into fresh air.
In case of skin contact : Rinse with water.
In case of eye contact : Immediately flush eye(s) with plenty of water.
If swallowed : Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : The product is not flammable.
Use extinguishing measures that are appropriate to local
circumstances and the surrounding environment.

Unsuitable extinguishing media : none

5.2 Special hazards arising from the substance or mixture



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Specific hazards during firefighting	:	Heating or fire can release toxic gas. Sulphur oxides
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5.3 Advice for firefighters

Special protective equipment for firefighters	:	Respiratory protection
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Avoid breathing dust.
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6.2 Environmental precautions

Environmental precautions	:	Do not let product enter drains.
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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	:	Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.
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6.4 Reference to other sections

none

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Avoid dust formation. Avoid inhalation, ingestion and contact with skin and eyes.
Advice on protection against fire and explosion	:	The product is not flammable. No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep in a dry place.
Advice on common storage	:	No special restrictions on storage with other products.
German storage class	:	13 Non Combustible Solids
Other data	:	Stable under recommended storage conditions.

7.3 Specific end uses

	:	Always read the label and product information before use.
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8. Exposure controls/personal protection

8.1 Control parameters

We are not aware of any national exposure limit.

8.2 Exposure controls

Engineering measures

none

Personal protective equipment

Respiratory protection	: Effective dust mask.
Hand protection	: not required under normal use
Eye protection	: No special protective equipment required.
Skin and body protection	: not required
Hygiene measures	: When using do not eat or drink. Wash hands before breaks and at the end of workday.
Protective measures	: none

Environmental exposure controls

General advice	: Do not let product enter drains.
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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: solid
Colour	: various
Odour	: very faint
pH	: 6 - 8
Melting point/range	: 1.069 °C
Boiling point/range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: The product is not flammable.
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density	: Not applicable

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Density	: 2,66 g/cm ³
Water solubility	: 111 g/l, 20 °C, 1.013 hPa
Partition coefficient: n-octanol/water	: no data available
Autoignition temperature	: none
Ignition temperature	: Not applicable
Thermal decomposition	: > 700 °C
Viscosity, dynamic	: Not applicable
Explosive properties	: none
Oxidizing properties	: none

9.2 Other information

Bulk density : no data available

10. Stability and reactivity**10.1 Reactivity**

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored normally.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : No decomposition if stored and applied as directed.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.

11. Toxicological information**11.1 Information on toxicological effects****Product**

Acute oral toxicity	: LD50: 6.600 mg/kg, rat
Acute inhalation toxicity	: no data available
Acute dermal toxicity	: no data available
Skin corrosion/irritation	: Result: No skin irritation, Practical experience.
Serious eye damage/eye irritation	: Result: No eye irritation, Practical experience.

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Respiratory or skin sensitization	:	Result: Did not cause sensitization on laboratory animals., Practical experience.
Germ cell mutagenicity		
Genotoxicity in vitro	:	Contains no hazardous ingredients according to GHS
Carcinogenicity	:	Contains no ingredient listed as a carcinogen
Reproductive toxicity	:	No toxicity to reproduction
Teratogenicity	:	Contains no ingredient listed as toxic to reproduction
STOT - single exposure	:	Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT - repeated exposure	:	Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

12. Ecological information**12.1 Toxicity****Product:**

Toxicity to fish	:	LC50: 1.692 - 2.380 mg/l, 96 h, bleak, DIN 38412
Toxicity to daphnia and other aquatic invertebrates.	:	EC50: 890 mg/l, 48 h, Daphnia magna (Water flea), DIN 38412
Toxicity to algae	:	EC50: 2.900 mg/l, 72 h, Pseudokirchneriella subcapitata (green algae), DIN 38412
Toxicity to bacteria	:	EC20: > 20 g/l, 16 h, Pseudomonas putida, DIN 38412

12.2 Persistence and degradability**Product:**

Biodegradability	:	Not applicable
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12.3 Bioaccumulative potential**Product:**

Bioaccumulation	:	Bioaccumulation is unlikely.
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12.4 Mobility in soil**Product:**

Mobility	:	Not applicable
Physico-chemical removability	:	Not applicable

12.5 Results of PBT and vPvB assessment**Product:**

Assessment	:	no data available
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12.6 Other adverse effects

Product:

Adsorbed organic bound halogens (AOX) : Not applicable

13. Disposal considerations

13.1 Waste treatment methods

Product : Check if agriculture use is possible.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. Transport information

14.1 UN number

Non-dangerous goods

14.2 Proper shipping name

ADR / GGVS : Not relevant
RID : Not relevant
ADNR : Not relevant
IMDG : Not relevant
IATA-DGR : Not relevant
DOT : Not relevant

14.3 Transport hazard class

ADR / GGVS : Not relevant
RID : Not relevant
ADNR : Not relevant
IMDG : Not relevant
IATA-DGR : Not relevant
DOT : Not relevant

14.4 Packing group

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14.5 Environmental hazards

IMDG : Not a Marine Pollutant

14.6 Special precautions for user

Not relevant



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

Remarks : Not relevant

15. Regulatory information

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

U.S. Regulations National Inventory TSCA

potassium sulfate: listed

SARA

potassium sulfate: not listed

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.