Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

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

1.1 Product identifier

Trade name: KM Demeril Grün BayWa

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Application of the substance / the mixture Mixture on customer's request

1.3 Details of the supplier of the safety data sheet
Supplier:
Cheminova Deutschland GmbH & Co. KG
Stader Elbstrasse 28
21683 Stade
Germany
Tel: +49 (0) 4141 9204 0
Fax: +49 (0) 4141 9204 210
datenblatt@fmc.com
www.cheminova.de

Further information obtainable from:
Cheminova Deutschland GmbH & Co. KG
Stader Elbstrasse 28
21683 Stade
Germany
Tel: +49 (0) 4141 9204 0
Fax: +49 (0) 4141 9204 210
datenblatt@fmc.com
www.cheminova.de

1.4 Emergency telephone number:

Tel.: +49 (0)551 19240 (GIZ-Nord Poisons Centre, Göttingen, Germany) (24 h) "Member of EPECS Network"

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The product is not classified, according to the CLP regulation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void
Additional information:
EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

2.3 Other hazards
Avoid any inhalation of the dust with adequate measures (good ventilation or respiratory mask); Pneumoconiosis a silicosis-like respiratory disorder (pulmonary talcosis) might occur.
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 1)

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description:
Pigment powder for seed treatment of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 14807-96-6 *EINECS: 238-877-9*	*Talc ($Mg_3H_2(SiO_3)_4$)* *substance with a Community workplace exposure limit*	*< 70%*
CAS: 13463-67-7 *EINECS: 236-675-5*	*titanium dioxide* *substance with a Community workplace exposure limit*	*< 15%*
CAS: 12001-26-2 *EC number: 310-127-6*	*Mica* *substance with a Community workplace exposure limit*	*< 15%*

Additional information: *For the wording of the listed hazard phrases refer to section 16.*

*
SECTION 4: First aid measures

4.1 Description of first aid measures

General information: *Immediately remove any clothing soiled by the product.*

After inhalation: *Supply fresh air; consult doctor in case of complaints.*

After skin contact:
Clean with water and soap.
If skin irritation continues, consult a doctor.

After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
If contact lenses are worn, remove after 5 minutes of rinsing, then continue rinsing.

After swallowing:
Rinse mouth with plenty of water; do not swallow.
Do not induce vomiting. Call for medical help and show this material safety data sheet.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
Symptomatic treatment (decontamination, vital functions), no specific antidote known.

*
SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
Use carbon dioxide (CO_2) or dry chemical powder for small fires.
Water spray or foam for large fires.

For safety reasons unsuitable extinguishing agents: *Water with full jet*

5.2 Special hazards arising from the substance or mixture
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO_2)
Nitrogen oxides (NOx)
Hydrogen chloride (HCl)
Under certain fire conditions, traces of other toxic gases cannot be excluded.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 2)

5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
Additional information
Do not inhale explosion gases or combustion gases.
Cool endangered receptacles with water spray.
Use water spray to knock down fire fumes if possible.
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Avoid formation of dust.
Avoid electrostatic discharges (spark formation) due to possible combustible dust explosion.

6.2 Environmental precautions: *Do not discharge into sewer, surface water or groundwater.*

6.3 Methods and material for containment and cleaning up:
Pick up mechanically.
Disposal had to be accomplished in suitable receptacles.
If possible clean area with detergent and much water. Absorb wash liquid with absorbent and transfer to suitable containers for disposal.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

*

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.
Wear personal protection equipment.
Prevent formation of dust.
Wash hands before breaks and at the end of work.
Do not eat, drink or smoke in work areas.
Remove contaminated clothing and protective equipment before entering eating areas.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles:
Store only in the original receptacle.
Keep containers tightly closed in a dry, cool and well-ventilated place.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 3)

Information about storage in one common storage facility:
Do not store together with foodstuffs, beverages and feed.
Do not store with strong oxidising agents.
Addationally the restriction for joint storage must be observed (according to TRGS 510).
Further information about storage conditions:
Protect from humidity and water.
Keep out of reach for children.

Recommended storage temperature: *Store between 0 °C and 35 °C.*

Storage class: *11 (TRGS 510): Combustible solids*

7.3 Specific end use(s)
Use only in accordance with the instruction manual.
No further relevant information available.

*

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: *No further data; see item 7.*

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
14807-96-6 Talc ($Mg_3H_2(SiO_3)_4$)	
WEL	*Long-term value: 1 mg/m³*
13463-67-7 titanium dioxide	
WEL	*Long-term value: 10* 4** mg/m³ *total inhalable **respirable*
12001-26-2 Mica	
WEL	*Long-term value: 10* 0.8** mg/m³ *total inhalable **respirable*

Additional information: *The lists valid during the making were used as basis.*

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Ensure good ventilation at the workplace.
Do not breathe dust.
The statements on personal protective equipment in the instructions for use apply when handling the product.

Respiratory protection:
Not necessary if room is well-ventilated.
Otherwise

Respiratory single serving mask DIN EN 149 with filter FFP2

Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 4)

Protective gloves (EN 374, EN 388, EN 420)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Preventive skin protection by use of skin-protecting agents is recommended.
After use of gloves apply skin-cleaning agents and skin cosmetics.

Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Choose chemical resistant gloves.
Recommend are gloves made of:
Nitrile, recommended thickness of the material: ≥ 0.11 mm

Penetration time of glove material
Penetration time 480 minutes (Permeation according to EN 374 Part 3: Level 6) e.g. for Dermatril®
If other glove materials or protective gloves of other manufacturers are used, than the exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles (EN 166)

Body protection:

Use suitable protective work clothing. Protective suit against pesticides (DIN 32781) is recommended when handling the product.

Sturdy shoes, e.g. rubber boots (EN 20345)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	*Powder*
Colour:	*Green*
Odour:	*Not determined*
Change in condition	
Melting point/freezing point:	*Not determined*
Flash point:	*Not applicable.*

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 5)

Auto-ignition temperature:	Not determined
Explosive properties:	Product is not explosive, but the formation of explosive dust air mixtures are possible.
Density:	
Bulk density:	300-450 kg/m³
Solubility in / Miscibility with water:	Dispersible
9.2 Other information	No further relevant information available.

*

SECTION 10: Stability and reactivity

10.1 Reactivity Stable under normal conditions of use.

10.2 Chemical stability
Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions
As the product is supplied it is not capable of dust explosion; however enrichment with fine dust may causes risk of dust explosion.

10.4 Conditions to avoid Formation of dust

10.5 Incompatible materials: Strong oxidants.

10.6 Hazardous decomposition products:
No hazardous decomposition products if stored and used according to specifications.
See Section 5 for information about hazardous decomposition products in case of fire.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
The toxicity of this product was not tested. The toxicity of the product was evaluated based on the toxicity of the ingredients.

Acute toxicity Based on available data, the classification criteria are not met.
Primary irritant effect:
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/irritation Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
Acute effects (acute toxicity, irritation and corrosivity)
Eye irritation may occur due to the mechanical effect of dust.
Repeated dose toxicity
The inhalation of dusts may cause pneumoconiosis, a silicosis-like respiratory disorder (pulmonary talcosis).
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity 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.

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 6)

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

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity:
The toxicity of this product was not tested. The aquatic toxicity of the product was evaluated based on the toxicity of the ingredients.

12.2 Persistence and degradability *No further relevant information available.*

12.3 Bioaccumulative potential *No further relevant information available.*

12.4 Mobility in soil *No further relevant information available.*

Ecotoxical effects:
Remark: *If used as recommended no inadequate risks to the environment are expected.*

Additional ecological information:
General notes: *Do not allow product to reach ground water, water course or sewage system.*

12.5 Results of PBT and vPvB assessment
PBT: *Not applicable.*
vPvB: *Not applicable.*

12.6 Other adverse effects *No further relevant information available.*

*
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Disposal must be made according to official regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:
Recommendation:
Do not reuse packing for other products.
Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number	
ADR, ADN, IMDG	*Void*
14.2 UN proper shipping name	
ADR, ADN, IMDG	*Void*
14.3 Transport hazard class(es)	
ADR, ADN, IMDG	
Class	*Void*
14.4 Packing group	
ADR, IMDG	*Void*

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 7)

14.5 Environmental hazards: **Marine pollutant:**	No
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.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

*

SECTION 15: Regulatory information

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Other regulations, limitations and prohibitive regulations
Avoid any unnecessary contact with the product.
Any misuse may cause health problems.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

*

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This material safety data sheet was created in accordance with the Commission Regulation (EU) 2015/830 amending Regulation (EC) No 1907/2006.

Department issuing SDS: Regulatory Affairs
Contact:
Cheminova Deutschland GmbH & Co. KG
Stader Elbstrasse 28
21683 Stade
Germany
Tel: +49 (0) 4141 9204 0
Fax: +49 (0) 4141 9204 210
datenblatt@fmc.com
www.cheminova.de

Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Dangerous Goods Code
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Hazardous Substances)
PBT: Persistent, Bioaccumulative and Toxic

(Contd. on page 9)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 16.05.2019 *Version number 3* *Revision: 16.05.2019*

Trade name: KM Demeril Grün BayWa

(Contd. of page 8)

vPvB: very Persistent and very Bioaccumulative

**** Data compared to the previous version altered.***