

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

Printing date 13.05.2019

Version number 4

Revision: 13.05.2019

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

1.1 Product identifier

Trade name: *KM Demeril Blau*

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.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.05.2019

Version number 4

Revision: 13.05.2019

Trade name: KM Demeril Blau

(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	< 80%
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 (NO_x)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

(Contd. on page 3)

Trade name: KM Demeril Blau

(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 13.05.2019

Version number 4

Revision: 13.05.2019

Trade name: KM Demeril Blau

(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.

Additionally 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 13.05.2019

Version number 4

Revision: 13.05.2019

Trade name: KM Demeril Blau

(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:	Blue
Odour:	Odourless

Change in condition

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.05.2019

Version number 4

Revision: 13.05.2019

Trade name: KM Demeril Blau

(Contd. of page 5)

Flash point:	Not applicable.
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/m ³
Solubility in / Miscibility with water:	Insoluble.
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 and stored 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 (carcinogenicity, 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 13.05.2019

Version number 4

Revision: 13.05.2019

Trade name: KM Demeril Blau

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

(Contd. of page 6)

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.

Ecotoxicological 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

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

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 13.05.2019

Version number 4

Revision: 13.05.2019

Trade name: KM Demeril Blau

(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 1 (Self-assessment): slightly 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:

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

vPvB: very Persistent and very Bioaccumulative

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