

## **Safety Data Sheet**

according to UK REACH Regulation

## Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 1 of 12

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

#### 1.1. Product identifier

Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

UFI: V5A0-S290-A00C-MUS4

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

#### Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

#### Uses advised against

Do not use for private purposes (household).

#### 1.3. Details of the supplier of the safety data sheet

Company name: Fa. Bernd Kraft GmbH Street: Stempelstraße 6 Place: D-47167 Duisburg

Telephone: 0203/5194-0 Telefax: 0203/5194-290

e-mail: info@berndkraft.de

Contact person: Abteilung Produktsicherheit Telephone: 0203/5194-107/117

e-mail: produktsicherheit@berndkraft.de

Internet: www.berndkraft.de

Responsible Department: Abteilung Produktsicherheit

**1.4. Emergency telephone** For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire,

<u>number:</u> Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada:

1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls

accepted)

#### **Further Information**

inapplicable, this product is a mixture REACH registration number see section 3

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

## **GB CLP Regulation**

Resp. Sens. 1; H334 Skin Sens. 1; H317 Muta. 2; H341 Carc. 1B; H350i Repr. 1B; H360F Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

## 2.2. Label elements

#### **GB CLP Regulation**

#### Hazard components for labelling

cobalt(II) sulfate heptahydrate

Signal word:

Danger



## **Safety Data Sheet**

according to UK REACH Regulation

# Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 2 of 12

#### Pictograms:





#### **Hazard statements**

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H350i May cause cancer by inhalation.

H360F May damage fertility.

H411 Toxic to aquatic life with long lasting effects.

#### **Precautionary statements**

P201 Obtain special instructions before use.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

### Special labelling of certain mixtures

Restricted to professional users.

#### 2.3. Other hazards

No data available

## **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

## **Chemical characterization**

Mixtures in aqueous solution

#### **Hazardous components**

CAS No	Chemical name			Quantity
	EC No Index No REACH No			
	Classification (GB CLP Regulation)			
10026-24-1	cobalt(II) sulfate heptahydrate			1 - < 5 %
	233-334-2 027-005-00-0			
	Carc. 1B, Muta. 2, Repr. 1B, Acute Tox. 4, Resp. Sens. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H350i H341 H360F H302 H334 H317 H400 H410			

Full text of H and EUH statements: see section 16.

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. L	cific Conc. Limits, M-factors and ATE		
10026-24-1	233-334-2	cobalt(II) sulfate heptahydrate	1 - < 5 %	
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1330 mg/kg M acute; H400: M=10 M chron.; H410: M=10			

## **Further Information**

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: cobalt(II) sulfate heptahydrate



## **Safety Data Sheet**

according to UK REACH Regulation

# Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 3 of 12

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### **General information**

First aider: Pay attention to self-protection!

#### After inhalation

Provide fresh air.

Call a physician immediately.

#### After contact with skin

Wash immediately with: Water

Take off immediately all contaminated clothing and wash it before reuse.

Call a physician immediately.

#### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Remove contact lenses, if present and easy to do. Continue rinsing.

Protect uninjured eye.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

Call a physician immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

Irritant

Allergic reactions

Gastrointestinal complaints

### 4.3. Indication of any immediate medical attention and special treatment needed

No data available

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

## Suitable extinguishing media

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

## Unsuitable extinguishing media

no restriction

## 5.2. Special hazards arising from the substance or mixture

Non-combustible solids

Hazardous combustion products

In case of fire may be liberated:

Metal oxide smoke, toxic

Sulphur oxides

#### 5.3. Advice for firefighters

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

In case of fire and/or explosion do not breathe fumes.

Avoid contact with skin, eyes and clothes.

## **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Move undamaged containers from immediate hazard area if it can be done safely.

Use water spray jet to protect personnel and to cool endangered containers.



## **Safety Data Sheet**

according to UK REACH Regulation

# Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 4 of 12

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

### For non-emergency personnel

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eves and clothes.

Remove persons to safety.

**Emergency procedures** 

Consult an expert

Do not breathe dust/fume/gas/mist/vapours/spray.

#### For emergency responders

Precautionary statements For emergency responders: Personal protection equipment: see section 8

## 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

#### For containment

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

#### Other information

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

## 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

### Advice on safe handling

Avoid exposure - obtain special instructions before use.

Read label before use. Handle and open container with care.

When using do not eat, drink, smoke, sniff. Use personal protection equipment.

Provide adequate ventilation. Avoid contact with skin, eyes and clothes.

Do not breathe vapour/aerosol. If handled uncovered, arrangements with local exhaust ventilation have to be used

### Advice on protection against fire and explosion

Usual measures for fire prevention.

### Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Avoid: aerosol or mist formation Do not breathe vapour/aerosol.



## **Safety Data Sheet**

according to UK REACH Regulation

# Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 5 of 12

#### Further information on handling

Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary.

Take off immediately all contaminated clothing and wash it before reuse.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

## 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Store in a well-ventilated place. Keep container tightly closed.

Store in a place accessible by authorized persons only.

#### Hints on joint storage

national regulations

## Further information on storage conditions

Store in a dry place.

#### 7.3. Specific end use(s)

Laboratory chemicals

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### **DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
10026-24-1	cobalt(II) sulfate heptahydrate			
Consumer DNEL, long-term		oral	1 7	0,0784 mg/kg bw/day

#### PNEC values

CAS No	Substance		
Environmental compartment Value		Value	
10026-24-1	026-24-1 cobalt(II) sulfate heptahydrate		
Freshwater		0,0006 mg/l	
Marine water		0,00236 mg/l	
Freshwater sed	iment	9,5 mg/kg	
Marine sedimer	nt	9,5 mg/kg	
Micro-organisms in sewage treatment plants (STP)		0,37 mg/l	
Soil		10,9 mg/kg	

### 8.2. Exposure controls

## Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### Individual protection measures, such as personal protective equipment

## Eye/face protection

goggles

Wear eye/face protection.



## **Safety Data Sheet**

according to UK REACH Regulation

## Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 6 of 12

#### 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.

Suitable examples are gloves of KCL GmbH, D-36124 Eichenzell, e-mail: vertrieb@kcl.de with the following specification (test according to EN 374):

By long-term hand contact

Trade name/designation: KCL 741 Dermatril® L
Recommended material: NBR (Nitrile rubber) 0,11 mm
Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation: KCL 741 Dermatril® L
Recommended material: NBR (Nitrile rubber) 0,11 mm
Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

### Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

#### Respiratory protection

Respiratory protection necessary at: aerosol or mist formation

## **Environmental exposure controls**

Do not allow to enter into surface water or drains.

## **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: red
Odour: odourless
Odour threshold: No data available

Melting point/freezing point:

Boiling point or initial boiling point and

No data available

No data available

boiling range: Flammability

Solid/liquid:
Gas:
No data available
Lower explosion limits:
No data available
Upper explosion limits:
No data available
Flash point:
No data available
Auto-ignition temperature:
No data available



## **Safety Data Sheet**

according to UK REACH Regulation

## Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid

Revision date: 15.09.2022 Product code: 22505 Page 7 of 12

Decomposition temperature: No data available pH-Value:

No data available Viscosity / kinematic: Water solubility: completely miscible

Solubility in other solvents No data available

Dissolution rate: No data available No data available Partition coefficient n-octanol/water: No data available Dispersion stability: No data available Vapour pressure: No data available Vapour pressure: Density: 1,0216 g/cm3 Relative density: No data available Bulk density: No data available Relative vapour density: No data available Particle characteristics: No data available

#### 9.2. Other information

## Information with regard to physical hazard classes

Explosive properties

No data available

No data available Sustaining combustion:

Self-ignition temperature

No data available Solid: No data available Gas:

Oxidizing properties Oxidizing

## Other safety characteristics

Evaporation rate: No data available No data available Solvent separation test: Solvent content: 0 Solid content: 0 No data available Sublimation point: No data available Softening point: No data available Pour point: No data available:

No data available Viscosity / dynamic: No data available Flow time:

## **Further Information**

No data available

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

No data available

## 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No data available



## **Safety Data Sheet**

according to UK REACH Regulation

## Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 8 of 12

#### 10.4. Conditions to avoid

No data available

#### 10.5. Incompatible materials

No data available

#### 10.6. Hazardous decomposition products

In case of fire may be liberated: SECTION 5: Firefighting measures

#### **Further information**

No data available

## **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in GB CLP Regulation

#### Toxicocinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

#### **Acute toxicity**

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

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
10026-24-1	cobalt(II) sulfate heptahydrate					
	oral	LD50 mg/kg	1330	Rat	Revista Español Fisiologia, 39: 29	
	dermal	LD50 mg/kg	> 2000	Rat	Study report (20	07) OECD Guideline 402

#### Irritation and corrosivity

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

#### Sensitising effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled. (cobalt(II) sulfate heptahydrate)

May cause an allergic skin reaction. (cobalt(II) sulfate heptahydrate)

#### Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of causing genetic defects. (cobalt(II) sulfate heptahydrate)

May cause cancer by inhalation. (cobalt(II) sulfate heptahydrate)

May damage fertility. (cobalt(II) sulfate heptahydrate)

## 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.

#### Information on likely routes of exposure

There are no data available on the preparation/mixture itself.

#### Specific effects in experiment on an animal

There are no data available on the preparation/mixture itself.

#### Additional information on tests

There are no data available on the preparation/mixture itself.

#### **Practical experience**

There are no data available on the preparation/mixture itself.



## **Safety Data Sheet**

according to UK REACH Regulation

# Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid mi

Revision date: 15.09.2022 Product code: 22505 Page 9 of 12

## 11.2. Information on other hazards

## **Endocrine disrupting properties**

There are no data available on the preparation/mixture itself.

#### Other information

There are no data available on the preparation/mixture itself.

#### **Further information**

There are no data available on the preparation/mixture itself.

## **SECTION 12: Ecological information**

## 12.1. Toxicity

There are no data available on the mixture itself.

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method	
10026-24-1	cobalt(II) sulfate heptahydrate							
	Acute fish toxicity	LC50 mg/l	52,5	96 h	Therapon jarbua	Journal of Marine Science. 12:64-66. (19	other: APHA. Standard methods for examin	
	Acute algae toxicity	ErC50 mg/l	71,314	96 h	Dunaliella tertiolecta	Study report (2010)	other: American Society for Testing and	
	Acute crustacea toxicity	EC50 mg/l	42,7	48 h	Aeolosoma sp.	Study report (2008)	Newman, J.P., Jr. 1975. The effects of h	
	Fish toxicity	NOEC mg/l	0,21	34 d	Pimephales promelas	Study report (2009)	other: This study was conducted accordin	
	Algae toxicity	NOEC mg/l	0,0018	7 d	Champia parvula	Study report - model refit from original	other: EPA 821-R- 02-014, Method 1009.0	
	Crustacea toxicity	NOEC mg/l	0,1697	14 d	Aeolosoma sp.	Study report (2008)	other: Newman, J.P., Jr. 1975. The effec	
	Acute bacteria toxicity	(EC50 mg/l)	120	0,5 h	Activated sludge	Study report (2010)	OECD Guideline 209	

## 12.2. Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

#### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

#### **BCF**

CAS No	Chemical name	BCF	Species	Source
10026-24-1	cobalt(II) sulfate heptahydrate	23	Asterias rubens	Marine Pollution Bul

## 12.4. Mobility in soil

There are no data available on the mixture itself.

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

There are no data available on the mixture itself.



## **Safety Data Sheet**

according to UK REACH Regulation

## Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid

Revision date: 15.09.2022 Product code: 22505 Page 10 of 12

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

There are no data available on the mixture itself.

#### 12.7. Other adverse effects

Discharge into the environment must be avoided.

Harmful effect due to pH shift.

Forms corrosive mixtures with water even if diluted.

#### **Further information**

Do not allow to enter into surface water or drains.

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Send to a physico-chemical treatment facility under observation of official regulations.

Do not empty into drains.

#### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

## **SECTION 14: Transport information**

#### Land transport (ADR/RID)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(cobalt(II) sulfate heptahydrate)

14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9Classification code:M6

Special Provisions: 274 335 375 601

Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 90
Tunnel restriction code: -

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 3082

**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(cobalt(II) sulfate heptahydrate)

14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9Classification code:M6

Special Provisions: 274 335 375 601

Limited quantity: 5 L
Excepted quantity: E1



## **Safety Data Sheet**

according to UK REACH Regulation

## Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid

mı

Revision date: 15.09.2022 Product code: 22505 Page 11 of 12

Marine transport (IMDG)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(cobalt(II) sulfate heptahydrate)

14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9

Special Provisions: 274, 335, 969

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-A, S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(cobalt(II) sulfate heptahydrate)

14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9

Special Provisions:

Limited quantity Passenger:

Passenger LQ:

Excepted quantity:

A97 A158 A197

30 kg G

Y964

Excepted quantity:

E1

IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964
IATA-max. quantity - Cargo: 450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

Danger releasing substance: cobalt(II) sulfate heptahydrate

## **SECTION 15: Regulatory information**

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

#### **EU** regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):

cobalt(II) sulfate heptahydrate

Restrictions on use (REACH, annex XVII):

Entry 3

Information according to 2012/18/EU

E2 Hazardous to the Aquatic Environment

(SEVESO III):

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of

child-bearing age.

Water hazard class (D): 2 - obviously hazardous to water



## **Safety Data Sheet**

according to UK REACH Regulation

## Cobalt sulfate solution 5 % for analysis for determination of the acid content in milk and liquid

Revision date: 15.09.2022 Product code: 22505 Page 12 of 12

#### **SECTION 16: Other information**

#### Changes

This data sheet contains changes from the previous version in section(s): 9.

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification Classification procedure	
Resp. Sens. 1; H334	Calculation method
Skin Sens. 1; H317	Calculation method
Muta. 2; H341	Calculation method
Carc. 1B; H350i	Calculation method
Repr. 1B; H360F	Calculation method
Aquatic Chronic 2; H411	Calculation method

## Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
11047	Manager

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H341 Suspected of causing genetic defects.
H350i May cause cancer by inhalation.

H360F May damage fertility. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.H411 Toxic to aquatic life with long lasting effects.

#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)