

according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 1 of 11

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

## 1.1. Product identifier

Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

## 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**

This product is a mixture. REACH Registration Number see section 3.

# SECTION 2: Hazards identification

# 2.1. Classification of the substance or mixture

## Regulation (EC) No 1272/2008

Met. Corr. 1; H290 Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335

Full text of hazard statements: see SECTION 16.

# 2.2. Label elements

## Regulation (EC) No 1272/2008

## Hazard components for labelling

phosphoric acid Hydrochloric acid

Signal word: Danger

Pictograms:







# **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 2 of 11

## **Hazard statements**

H290 May be corrosive to metals. H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

## **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water or shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

# 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                                 |   |                  |  |  |  |
|-----------|---|---|------------------|--|--|--|
|           | EC No   | Index No  | REACH No         |  |  |  |
|           | Classification (Regulation (EC) No 1272/2008) |   |                  |  |  |  |
| 7664-38-2 | phosphoric acid                               |   |                  |  |  |  |
|           | 231-633-2                                     | 015-011-00-6  | 01-2119485924-24 |  |  |  |
|           | Met. Corr. 1, Acute Tox. 4, Skin Co           | rr. 1, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1; H290 H302 H314 H318 |                  |  |  |  |
| 7647-01-0 | Hydrochloric acid                             |   |                  |  |  |  |
|           | 231-595-7                                     | 017-002-01-X  | 01-2119484862-27 |  |  |  |
|           | Skin Corr. 1B, STOT SE 3; H314 H335           |   |                  |  |  |  |

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

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

| Opecine oo | 110. Ellillo, Wi-I               | ictors and ATE  |             |
|------------|----------------------------------|---|-------------|
| CAS No     | EC No                            | Chemical name   | Quantity    |
|            | Specific Cond                    | : Limits, M-factors and ATE   |             |
| 7664-38-2  | 231-633-2                        | phosphoric acid   | 50 - < 55 % |
|            | oral: ATE = 5<br>Irrit. 2; H319: | i00 mg/kg Skin Corr. 1B; H314: >= 25 - 100 Skin Irrit. 2; H315: >= 10 - < 25 Eye >= 10 - < 25 |             |
| 7647-01-0  | 231-595-7                        | Hydrochloric acid   | 15 - < 20 % |
|            | 1                                | ; H314: >= 25 - 100   |             |

## **Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures



# **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 3 of 11

#### **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.

Do NOT induce vomiting. Do not allow a neutralisation agent to be drunk.

Call a physician immediately.

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

Causes burns.

Irritant

Cough

Dyspnoea

Risk of serious damage to eyes.

## 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 liquids

Hazardous combustion products

In case of fire may be liberated:

Hydrogen chloride (HCI)

Phosphorus 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.

# **SECTION 6: Accidental release measures**



according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 4 of 11

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

#### General advice

Corrosive to metals.

## For non-emergency personnel

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

**Emergency procedures** 

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

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.

## 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.

## 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.



according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 5 of 11

# 7.2. Conditions for safe storage, including any incompatibilities

## Requirements for storage rooms and vessels

Corrosive to metals.

Unsuitable container/equipment material: Metal

The product develops hydrogen in an aqueous solution in contact with metals.

## Further information on storage conditions

Keep container tightly closed.

## 7.3. Specific end use(s)

Laboratory chemicals

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

## 8.1. Control parameters

## Occupational exposure limits

| CAS No    | Substance            | ppm | mg/m³ | fib/cm³ | Category      | Origin |
|-----------|----------------------|-----|-------|---------|---------------|--------|
| 7647-01-0 | Hydrogen chloride    | 5   | 8     |         | TWA (8 h)     |        |
|           |                      | 10  | 15    |         | STEL (15 min) |        |
| 7664-38-2 | Orthophosphoric acid | -   | 1     |         | TWA (8 h)     |        |
|           |                      | -   | 2     |         | STEL (15 min) |        |

## **DNEL/DMEL values**

| CAS No                   | Substance         |                |          |                  |  |
|--------------------------|-------------------|----------------|----------|------------------|--|
| DNEL type                |                   | Exposure route | Effect   | Value            |  |
| 7664-38-2                | phosphoric acid   |                |          |                  |  |
| Worker DNEL              | ., acute          | inhalation     | local    | 2 mg/m³          |  |
| Worker DNEL              | ., long-term      | inhalation     | local    | 2,92 mg/m³       |  |
| Consumer Di              | NEL, long-term    | inhalation     | systemic | 4,57 mg/m³       |  |
| Consumer DNEL, long-term |                   | inhalation     | local    | 0,36 mg/m³       |  |
| Consumer DNEL, long-term |                   | oral           | systemic | 0,1 mg/kg bw/day |  |
| Worker DNEL, long-term   |                   | inhalation     | systemic | 10,7 mg/m³       |  |
| 7647-01-0                | Hydrochloric acid |                | ·        |                  |  |
| Worker DNEL, long-term   |                   | inhalation     | local    | 8 mg/m³          |  |
| Worker DNEL, acute       |                   | inhalation     | local    | 15 mg/m³         |  |
| Consumer DNEL, long-term |                   | inhalation     | local    | 8 mg/m³          |  |
| Consumer DNEL, acute     |                   | inhalation     | local    | 15 mg/m³         |  |

# 8.2. Exposure controls

## Appropriate engineering controls

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

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.



according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 6 of 11

## 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.

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: vertrieb@kcl.de With specification (test according to EN374):

By long-term hand contact

Trade name/designation: KCL 720 Camapren®

Recommended material: CR (polychloroprene, chloroprene rubber) 0,65 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): > 120 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

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

## **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: clear Odour: stinging

No data available Melting point/freezing point: Boiling point or initial boiling point and No data available

boiling range:

Flammability

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



# **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 7 of 11

Viscosity / kinematic:

Water solubility:

No data available completely miscible

Solubility in other solvents

No data available

Partition coefficient n-octanol/water:

Vapour pressure:

Vapour pressure:

No data available

Partition coefficient n-octanol/water:

No data available

No data available

Relative vapour density:

No data available

## 9.2. Other information

## Information with regard to physical hazard classes

Explosive properties

No data available

Sustaining combustion: No data available

Self-ignition temperature

Solid: No data available
Gas: No data available

Oxidizing properties Oxidizing

Other safety characteristics

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

Viscosity / dynamic:

No data available

No data available

Further Information
Corrosive to metals.

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

## 10.1. Reactivity

Corrosive to metals.

## 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

## 10.3. Possibility of hazardous reactions

Alkali (lye)

The product develops hydrogen in an aqueous solution in contact with metals.

## 10.4. Conditions to avoid

No data available

# 10.5. Incompatible materials

Metal

The product develops hydrogen in an aqueous solution in contact with metals.

# 10.6. Hazardous decomposition products

In case of fire may be liberated:



according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 8 of 11

**SECTION 5: Firefighting measures** 

#### **Further information**

No data available

# **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

## **Acute toxicity**

Harmful if swallowed.

## **ATEmix** calculated

ATE (oral) 999,9 mg/kg

| CAS No    | Chemical name   |                  |         |        |        |
|-----------|-----------------|------------------|---------|--------|--------|
|           | Exposure route  | Dose             | Species | Source | Method |
| 7664-38-2 | phosphoric acid |                  |         |        |        |
|           | oral            | ATE 500<br>mg/kg |         |        |        |

### Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Following ingestion Gastric perforation

Irritating to respiratory system.

see also Section 4

## Sensitising effects

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

# Carcinogenic/mutagenic/toxic effects for reproduction

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

# STOT-single exposure

May cause respiratory irritation. (Hydrochloric acid)

# 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.

## 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.

# 11.2. Information on other hazards

## 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



according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 9 of 11

| CAS No    | Chemical name            |                |          |           |  |                        |                       |
|-----------|--------------------------|----------------|----------|-----------|--|------------------------|-----------------------|
|           | Aquatic toxicity         | Dose           |          | [h]   [d] | Species  | Source                 | Method                |
| 7664-38-2 | phosphoric acid          |                |          |           |  |                        |                       |
|           | Acute algae toxicity     | ErC50<br>mg/l  | > 100    | 72 h      | Desmodesmus subspicatus                                  | Study report (2010)    | EU Method C.3         |
|           | Acute crustacea toxicity | EC50<br>mg/l   | > 100    | 48 h      | Daphnia magna  | Study report (2010)    | OECD Guideline<br>202 |
|           | Acute bacteria toxicity  | (EC50<br>mg/l) | > 1000   |           | activated sludge of a<br>predominantly<br>domestic sewag | Study report<br>(2010) | OECD Guideline<br>209 |
| 7647-01-0 | Hydrochloric acid        |                |          |           |  |                        |                       |
|           | Acute fish toxicity      | LC50           | 862 mg/l | 96 h      | Leuciscus idus   |                        |                       |

## 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.

### 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 REACH, annex XIII.

There are no data available on the mixture itself.

# 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.

## **Further information**

Do not allow to enter into surface water or drains.

Discharge into the environment must be avoided.

## **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.

## 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 3264

14.2. UN proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric acid,

phosphoric acid)

14.3. Transport hazard class(es):814.4. Packing group:IIHazard label:8Classification code:C1



according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 10 of 11

Special Provisions: 274
Limited quantity: 1 L
Excepted quantity: E2
Transport category: 2
Hazard No: 80
Tunnel restriction code: E

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 3264

14.2. UN proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric acid,

phosphoric acid)

14.3. Transport hazard class(es):814.4. Packing group:IIHazard label:8Classification code:C1Special Provisions:274Limited quantity:1 LExcepted quantity:E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 3264

14.2. UN proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric acid,

phosphoric acid)

14.3. Transport hazard class(es):814.4. Packing group:IIHazard label:8Special Provisions:274Limited quantity:1 LExcepted quantity:E2EmS:F-A. S-B

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3264

14.2. UN proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric acid,

phosphoric acid)

14.3. Transport hazard class(es):814.4. Packing group:IIHazard label:8Special Provisions:A3 A803Limited quantity Passenger:0.5 LPassenger LQ:Y840Excepted quantity:E2

IATA-packing instructions - Passenger:851IATA-max. quantity - Passenger:1 LIATA-packing instructions - Cargo:855IATA-max. quantity - Cargo:30 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

## **SECTION 15: Regulatory information**

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

# **EU** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3



# **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Säuremischung Salzsäure 37% / Phosphorsäure 85% zur Analyse 1 + 1 volumetrisch gemischt

Revision date: 21.07.2022 Product code: 31619 Page 11 of 11

**National regulatory information** 

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

work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

## **SECTION 16: Other information**

## Changes

This data sheet contains changes from the previous version in section(s): 2,11.

## Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification      | Classification procedure |
|---------------------|--------------------------|
| Met. Corr. 1; H290  | On basis of test data    |
| Acute Tox. 4; H302  | Calculation method       |
| Skin Corr. 1B; H314 | Calculation method       |
| Eye Dam. 1; H318    | Calculation method       |
| STOT SE 3; H335     | Calculation method       |

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

| H290 | May be corrosive to metals. |
|------|-----------------------------|
| H302 | Harmful if swallowed.       |

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H335 May cause respiratory irritation.

## **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.)