

**SANOFIX KP, H, F, Trass Ex, Trass In, Trass F**

|                  |                |              |   |
|------------------|----------------|--------------|---|
| Creation date    | 07. April 2015 | Revision no. |   |
| Date of revision |                | Version      | 1 |

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

- 1.1. Product identifier**  
substance / mixture  
Number  
Other names of the mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Intended use of the mixture  
Not recommended use of the mixture
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
Name or trade name  
Place of business or residency  
Telephone  
Fax  
E-mail  
Web address  
Emergency telephone number
- Competent person responsible for the safety data sheet**  
Name  
E-mail
- 1.4. Emergency telephone number**  
Toxicological Information Centre, Na Bojišti 1, Praha, Tel.: non-stop 224 919 293 or 224 915 402, Information on health risks only - acute poisoning of humans and animals
- SANOFIX KP, H, F, Trass Ex, Trass In, Trass F  
mixture  
5-1, 5-2, 5-3, 5-10, 5-11, 5-12  
Restoration mortar  
The product should not be used in ways other than those referred in Section 1.  
BETOSAN s.r.o.  
Na Dolinách 28, Praha 4, 147 00  
Czech Republic  
241 431 212  
241 431 212  
praha@betosan.cz  
www.betosan.cz  
241 431 212, 8,00-16,00  
BETOSAN s.r.o.  
praha@betosan.cz

**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
A mixture is classified as dangerous.

Skin Irrit. 2, H315  
Skin Sens. 1A, H317  
Eye Dam 1, H318  
STOT SE 3, H335

**The classification of the mixture according to Directive 1999/45/EC**

A mixture is classified as dangerous.

Irritant: Xi; R 38, R 41  
sensitising: R 43

Full text of all classifications, H-phrases and R-phrases is given in the section 16.

**The most serious adverse physicochemical effects**

Unknown

**The most serious adverse effects on human health and the environment**

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

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**2.2. Label elements**

**Warning symbol**



**Signal word**

Danger

**Hazardous substances**

Cement, portland, chemicals

**Hazard statements**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.

**Instructions for safe handling**

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P261 Avoid breathing dust
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- 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 or doctor/physician.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P501 Dispose of contents/container to local\regional\national\international regulations.

**Additional information**

Do not use in paint spraying equipment.

**2.3. Other hazards**

not available

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

**3.2. Mixtures**

**Chemical characterization**

Mixture of substances specified below and additives.

**Mixture contents these hazardous substances and substances with the highest permissible concentration in the working environment**

| Identification numbers           | Name of the substance       | Content in % weight of the mixture | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No 1272/2008                         | Note |
|----------------------------------|-----------------------------|------------------------------------|--|--|------|
| CAS: 65997-15-1<br>ES: 266-043-4 | Cement, portland, chemicals | 15-30                              | Xi; R 38, R 41<br>R 43                           | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Eye Dam 1, H318<br>STOT SE 3, H335 | 1, 2 |

**Notes**

- 1 Substances for which there are exposure limits Community for working environment.
- 2 The use of the substance is restricted by Annex XVII of REACH Regulation.

The full text of all standard phrases and guidelines is specified in Section 16.

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**SECTION 4: First aid measures****4.1. Description of first aid measures**

If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that respiratory pathways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

**Inhalation**

Move the affected person to fresh air immediately while paying attention to your own safety; do not let the person walk! Depending on the situation, rinsing of the mouth and/or nose as appropriate with water can be recommended. Change the clothes of the affected person if contaminated by the substances. Protect the affected person against growing cold. Depending on the situation, call medical rescue service or ensure medical treatment considering the need of further observation for at least 24 hours.

**Skin contact**

Remove contaminated clothes immediately; take off any rings, watches, bracelets before or during washing if used in the contaminated areas of the skin. Rinse contaminated areas with a flow of water, lukewarm at best, for 10-30 minutes; do not use any brush, soap or neutralizers. Cover corroded parts of skin with sterile dressing; do not apply ointments or other medicines on the skin. Cover the person to ensure protection against growing cold. Depending on the situation, call medical rescue service or ensure medical treatment.

**Eye contact**

Rinse the eyes immediately with a flow of running water, open the eyelids wide (also using force if needed); remove contact lenses immediately if worn by the person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment, specialized if possible, as quickly as possible. Everyone must be referred for treatment even if affected only little.

**Ingestion**

DO NOT INDUCE VOMITING - danger of further damage to the gastrointestinal tract!!! Danger of esophageal and gastric perforation! RINSE THE MOUTH WITH WATER IMMEDIATELY AND LET THE PERSON DRINK 2-5 dl of cold water to reduce the heating effect of the corrosive substance. Considering an almost immediate effect on the mucous membranes, providing tap water quickly is preferred to any delay due to looking for cooled liquids - the condition of the mucous membrane worsens irreparably with every minute of delay! Carbonated or mineral water is not suitable as they may release gaseous carbon dioxide. Consuming larger amounts of liquid is not advisable as it may induce vomiting and potential inhaling of the corrosive substances in the lungs). The affected person must not be forced to drink, particularly if already feeling pain in the mouth or throat. In this case let the affected person only rinse the mouth with water. DO NOT GIVE ACTIVATED CARBON! (It makes an examination of the gastrointestinal tract membranes more difficult due to their black colouring and does not have a favourable effect with acids and bases.) Do not give anything to eat. Do not give anything by mouth if the person is unconscious or if having cramps. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible.

**4.2. Most important symptoms and effects, both acute and delayed****Inhalation**

Possible irritation of respiratory pathways, cough, headache.

**Skin contact**

Painful reddening, irritation.

**Eye contact**

Not expected.

**Ingestion**

Irritation, nausea.

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

Symptomatic treatment.

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**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist

**Unsuitable extinguishing media**

water - full jet

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

Heavy, black smoke is produced in a fire, with potential development of carbon monoxide and dioxide and other toxic gases. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

**5.3. Advice for firefighters**

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the mixture near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

The mixture is nonflammable. Provide sufficient ventilation. Use gloves in case of prolonged contact. Follow the instructions in Sections 7 and 8.

**6.2. Environmental precautions**

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

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

Spilled mixture should be covered with suitable (nonflammable) absorbing material (sand, kieselguhr, earth and other suitable absorption materials); to be contained in well closed containers and removed as per Section 13. Collected material should be disposed of in accordance with locally valid regulations. Upon an escape of large quantities of the mixture, inform the Fire Department and the Environmental Department of the Municipal Authority with extended scope of competencies. After removal of the mixture, wash the contaminated site with plenty of water or another suitable cleaning material. Do not use solvents.

**6.4. Reference to other sections**

7, 8 and 13.

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the highest permissible concentration in the occupational environment. The mixture should be used only in areas where it is not in contact with open fire and other ignition sources. No smoking. Protect against direct sunlight. Electrostatic charge may form during use; use only earthed piping (tubing) when repumping. Use of antistatic clothes and footwear is recommended. Use non-sparking tools. Do not inhale gases and vapours. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations laying down safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight.

|                     |   |
|---------------------|---|
| Storage class       | 8B - Non-combustible corrosive substances |
| Content             | 25 kg                                     |
| Type of packaging   | sack                                      |
| Material of package | PAP (22), Paper (Papers and tapes)        |



PAP

**The specific requirements or rules relating to the substance/mixture**

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

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

not available

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

**8.1. Control parameters**

Czech Republic

| Name of the substance (component) | CAS number | Limit values      |     |                   |     | Note |
|-----------------------------------|------------|-------------------|-----|-------------------|-----|------|
|                                   |            | PEL               |     | NPK-P             |     |      |
|                                   |            | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |      |
| cement                            | 65997-15-1 | 10                |     |                   |     |      |

European Union

| Name of the substance (component) | CAS number | Limit values      |     |                   |     | Note |
|-----------------------------------|------------|-------------------|-----|-------------------|-----|------|
|                                   |            | 8 hours           |     | Short-term        |     |      |
|                                   |            | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |      |
| cement                            | 65997-15-1 | 10                |     |                   |     |      |

**8.2. Exposure controls**

Follow usual measures for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of respiratory pathways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

**Eye and face protection**

Protective goggles or face shield (based on the nature of the work performed).

**Skin protection**

Hand protection: Protective gloves resistant against the product. Observe recommendations of the particular manufacturer of the gloves in the choice of their appropriate thickness, material and permeability. Use barrier creams to protect of the skin, they should however not be applied once exposure has occurred. Observe other recommendations of the manufacturer. Other protection: Protective antistatic clothing made of natural fibres (cotton) or synthetic fibres resistant against elevated temperatures. Contaminated skin should be washed thoroughly.

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**Respiratory protection**

Mask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of toxic substances are exceeded or in a poorly ventilated environment.

**Thermal hazard**

not available

**Restriction of the environment exposure**

Observe usual measures for protection of the environment, see Section 6.2.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|  |                           |
|--|---------------------------|
| Appearance                                   | powder                    |
| physical state                               | solid in 20°C             |
| colour                                       | gray                      |
| Odour  | characteristic            |
| Odour threshold                              | data not available        |
| pH   | 13,5 (undiluted in 20 °C) |
| Melting point/freezing point                 | data not available        |
| Initial boiling point and boiling range      | >1250 °C                  |
| Flash point                                  | data not available        |
| Evaporation rate                             | data not available        |
| Flammability (solid, gas)                    | data not available        |
| Upper/lower flammability or explosive limits |                           |
| flammability limits                          | data not available        |
| explosive limits                             | data not available        |
| Vapour pressure                              | data not available        |
| Vapour density                               | data not available        |
| Relative density                             | data not available        |
| Solubility(ies)                              |                           |
| solubility in water                          | data not available        |
| solubility in fats                           | data not available        |
| Partition coefficient: n-octanol/water       | data not available        |
| Auto-ignition temperature                    | data not available        |
| Decomposition temperature                    | data not available        |
| Viscosity                                    | data not available        |
| Explosive properties                         | data not available        |
| Oxidising properties                         | data not available        |

**9.2. Other information**

|                           |                                |
|---------------------------|--------------------------------|
| Density                   | 1,8 g/cm <sup>3</sup> in 25 °C |
| auto-ignition temperature | data not available             |

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The mixture is nonflammable

**10.2. Chemical stability**

Under normal conditions, the mixture is stable.

**10.3. Possibility of hazardous reactions**

The mixture is stable under normal conditions.

**10.4. Conditions to avoid**

The mixture is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

**10.5. Incompatible materials**

Protect against strong acids, bases and oxidizing agents. Thereby a dangerous exothermic reaction will be prevented.

**10.6. Hazardous decomposition products**

Not developed under normal uses. Dangerous products are formed at high temperature and in fire, such as carbon monoxide and carbon dioxide, heavy smoke and nitrogen oxides.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.

##### Acute toxicity

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

##### Corrosivity

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| Route of exposure | Result   | Method   | Time of exposure | Species | Determining the value of | Source |
|-------------------|----------|----------|------------------|---------|--------------------------|--------|
| dermal            | negative | OECD 413 | 48 hour          | rabbit  |                          |        |

##### Irritation

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| Route of exposure | Result     | Method       | Time of exposure | Species | Determining the value of | Source |
|-------------------|------------|--------------|------------------|---------|--------------------------|--------|
| eye               | irritating | EPA 870.3800 | 48 hour          | mouse   |                          |        |

##### Corrosion/skin irritation

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

##### Serious eye damage / eye irritation

Causes serious eye damage.

##### Respiratory / skin sensitization

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

##### Germ cells mutagenicity

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

##### Carcinogenicity

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| Route of exposure  | Parameter | Method | Value    | Time of exposure | Specific target organ | Result   | Species                  | Sex | Determining the value of | Source |
|--------------------|-----------|--------|----------|------------------|-----------------------|----------|--------------------------|-----|--------------------------|--------|
| inhalation (gases) |           |        | 12 mg/kg |                  |                       | negative | bacteria (S.typhimurium) |     |                          |        |

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

##### Reproductive toxicity

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

##### Toxicity for specific target organ - single exposure

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

##### Toxicity for specific target organ - repeated exposure

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

##### Aspiration hazard

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Acute toxicity

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| Parameter | Method             | Value    | Time of exposure | Species                                     | Environment | Determining the value of | Source |
|-----------|--------------------|----------|------------------|---|-------------|--------------------------|--------|
|           | EPA OPPTS 850.1025 | 44 mg/kg | 12 hour          | microorganisms (Photobacterium phosphoreum) |             | expert opinion           |        |

The product contains no substances with an effect against active action of microorganisms.

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**12.2. Persistence and degradability**

The mixture is biodegradable.

**12.3. Bioaccumulative potential**

Insignificant.

**12.4. Mobility in soil**

The product is soluble and mobile in water and soil. Contamination of water courses may occur in case of rain.

**12.5. Results of PBT and vPvB assessment**

The mixture is not classified as PBT or vPvB.

**12.6. Other adverse effects**

not available

**SECTION 13: Disposal considerations**

Hazard of environmental contamination; remove waste in accordance with local and/or national regulations.

**13.1. Waste treatment methods**

Proceed in accordance with valid regulations laying down the disposal of waste. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to an authorised person for waste removal (specialized company) authorised for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

**Legislation of waste**

Council Directive 75/442/EEC on waste, at last amended. Council Directive 91/689/EEC on hazardous waste, as last amended. Decision 94/3/EC establishing a list of wastes, as last amended.

|  |  |
|--|--|
| <b>Code of type of waste</b>           | 101311   |
| Type of waste                          | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10             |
| Subgroup of waste                      | wastes from manufacture of cement, lime and plaster and articles and products made from them                 |
| Waste group                            | WASTES FROM THERMAL PROCESSES  |
| <b>Another code of type of waste</b>   | 170101   |
| Type of waste                          | concrete   |
| Subgroup of waste                      | concrete, bricks, tiles and ceramics   |
| Waste group                            | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)                        |
| <b>Another code of type of waste</b>   | 101314   |
| Type of waste                          | waste concrete and concrete sludge   |
| Subgroup of waste                      | wastes from manufacture of cement, lime and plaster and articles and products made from them                 |
| Waste group                            | WASTES FROM THERMAL PROCESSES  |
| <b>Code of type of waste packaging</b> | 150101   |
| Type of waste                          | paper and cardboard packaging  |
| Subgroup of waste                      | packaging (including separately collected municipal packaging waste)   |
| Waste group                            | WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED |

**SECTION 14: Transport information****14.1. UN number**

not available

**14.2. UN proper shipping name**

not available

**14.3. Transport hazard class(es)**

not available

**14.4. Packing group**

not available

**14.5. Environmental hazards**

not available

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**14.6. Special precautions for user**

Reference in Sections 4 to 8.

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

not available

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. Directives 67/548/EEC, as amended, and 1999/45/EC, as amended.

**15.2. Chemical safety assessment**

not available

**16. SECTION 16: Other information****A list of standard risk phrases used in the safety data sheet**

|      |                                      |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |
| H335 | May cause respiratory irritation.    |

**Guidelines for safe handling used in the safety data sheet**

|                |  |
|----------------|--|
| P101           | If medical advice is needed, have product container or label at hand.  |
| P102           | Keep out of reach of children.   |
| P261           | Avoid breathing dust   |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| 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 or doctor/physician.  |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |
| P501           | Dispose of contents/container to local\regional\national\international regulations.  |

**List of R-phrases used in the safety data sheet**

|      |  |
|------|--|
| R 38 | Irritating to skin.                      |
| R 41 | Risk of serious damage to eyes.          |
| R 43 | May cause sensitisation by skin contact. |

**Other important information about safety of human health**

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per Section 1. The user is responsible for adherence to all related health protection regulations.

**Key to the abbreviations and the acronyms used in the safety data sheet**

|        |   |
|--------|---|
| ADR    | European agreement concerning the international carriage of dangerous goods by road |
| BCF    | Bioconcentration Factor   |
| CAS    | Unique Numeric Identifier used in chemistry for chemical substances                 |
| CLP    | Classification, Labelling and Packaging   |
| CSN    | Czech Technical Standard  |
| DNEL   | Derived no-effect level   |
| EC50   | Concentration of a substance when it is affected 50% of the population              |
| EINECS | European Inventory of Existing Commercial Chemical Substances                       |
| Ems    | Emergency plan  |
| ErC50  | Environmental Release category  |

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|             |   |
|-------------|---|
| ES          | Identification code for each substance listed in EINECS   |
| IATA        | International Air Transport Association   |
| IBC         | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals         |
| IC50        | Concentration causing 50 % blockade   |
| ICAO        | International Civil Aviation Organization   |
| IMDG        | International Maritime Dangerous Goods Transport  |
| LC50        | Lethal concentration of a substance in which it can be expected death of 50% of the population      |
| LD50        | Lethal dose of a substance in which it can be expected death of 50% of the population               |
| LOAEC       | Lowest observed adverse effect concentration  |
| LOAEL       | Lowest observed adverse effect level  |
| Log Kow     | Octanol-water partition coefficient   |
| MARPOL      | International Convention for the Prevention of Pollution From Ships                                 |
| MFAG        | First Aid Manual  |
| NOAEC       | No observed adverse effect concentration  |
| NOAEL       | No observed adverse effect level  |
| NOEC        | No observed effect concentration  |
| NOEL        | No observed effect level  |
| NPK         | The maximum permissible concentration   |
| PBT         | Persistent ,Bioaccumulative and Toxic   |
| PEL         | Permissible Exposure Limit  |
| PNEC        | Predicted no-effect concentration   |
| REACH       | Registration, Evaluation and Restriction of chemicals (EP and Council Regulation (EC) No.1907/2006) |
| RID         | Agreement on the transport of dangerous goods by rail   |
| UN          | Four-digit code reflecting the characteristics of substances or mixtures in transport               |
| UCVB        | Substances of unknown or variable composition, complex reaction products or biological materials    |
| VOC         | Volatile organic compounds  |
| vPvB        | Very Persistent and very Bioaccumulative  |
| Eye Dam     | Serious eye damage  |
| Skin Irrit. | Skin irritation   |
| Skin Sens   | Skin sensitization  |
| STOT SE     | Specific target organ toxicity - single exposure  |

**Training guidelines**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the mixture.

**Recommended restrictions of use**

not available

**Information about the sources of data used to compile the data sheet**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended, REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended, COMMISSION REGULATION (EU) No 453/2010, COUNCIL DIRECTIVE 67/548/EEC as amended and 1999/45/EC, COMMISSION REGULATION (EU) No 286/2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

**The changes (which information has been added, deleted or modified)**

Reworked the classification according to Regulation 1272/2008 (CLP).

**Statement**

**SANOFIX KP, H, F, Trass Ex, Trass In, Trass F**

|                  |                |              |   |
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The Safety Data Sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.