

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier****Trade name:*****HASIT PF 890 KALSIT FINISH PLUS*****Unique Formula Identifier (UFI-Code):**

CNYE-U00M-X00D-7QH0

**Relevant identified uses of the substance or mixture and uses advised against****Life cycle stages**

C/PW Consumer use / Widespread use by professional workers

**Sector of Use**

SU19 Building and construction work

**Product category**

PC9b Fillers, putties, plasters, modelling clay

**Process category**

PROC19 Manual activities involving hand contact

**Environmental release category**

ERC10a / ERC11a Widespread use of articles with low release

**Article category**

AC4 Stone, plaster, cement, glass and ceramic articles

**Application of the substance / the preparation**Knife filler/ Surfacer - Product for an industrial, technical and private use for processing on buildings.  
For all other uses is advised against/ not recommended..**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**HASIT Trockenmörtel GmbH  
Landshuter Straße 30  
85356 Freising  
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Tel. +43(0)5522 41646 169  
klaus.ritter@fixit-gruppe.com**Emergency telephone number**National poisons information centre: +44/(0)171 - 635 9191  
National Health Service: 111  
European emergency call: 112

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 1)

**SECTION 2: Hazards identification**

**Classification of the substance or mixture**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

**Additional information:**

The classification in terms of skin and eye irritation is based on the results of animal studies, see section 16 literature [4], [11] and [12].

**Label elements**

**GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

**Hazard pictograms**



GHS05

**Signal word**

Danger

**Hazard-determining components of labelling:**

Calcium dihydroxide

**Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

**Precautionary statements**

P102 Keep out of reach of children.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in keeping with local and national regulations.

**Other hazards**

No further relevant information available.

**Results of PBT and vPvB assessment**

**PBT:**

This substance/mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

**vPvB:**

This substance/mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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(Contd. on page 3)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 2)

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

**Chemical characterization: Substances**

This product is a mixture.

**Mixtures**

**Description:**

Mixture of substances listed below with nonhazardous additions

**Dangerous components:**

CAS: 1305-62-0 EINECS: 215-137-3 REACH: 01-2119475151-45	Calcium dihydroxide ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 1 % Eye Dam. 1; H318: C ≥ 1 %	1 - 2.5%
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**Other components (>20%):**

CAS: 1317-65-3 EINECS: 215-279-6 REACH: <sup>1</sup>	Limestone (Calcium carbonate) Consisting of: 471-34-1 Calcium carbonate (> 90%); 16389-88-1 Calcium/Magesium carbonate (0 - 10%); 14808-60-7 Quartz (SiO <sub>2</sub> ) (0 - 10%); 37244-96-5 Feldspar (0 - 5%); 12001-26-2 Mica - Potassium aluminum silicate (Muscovite) (0 - 5%)	50 - < 100%
CAS: 7732-18-5 EINECS: 231-791-2 REACH: <sup>1</sup>	Water	25 - 50%

**Additional information:**

For the wording of the listed hazard phrases refer to section 16.

<sup>1</sup> Not subject to registration in accordance with EC 1907/2006 Annex V (point 7) or Article 2.

**SECTION 4: First aid measures**

**Description of first aid measures**



First aid

**General information:**

For first responder no special personal protective equipment is required. First responder should avoid contact with the product.

**After inhalation:**

Take affected persons into fresh air and keep quiet. Seek medical treatment in case of complaints. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly. Immediately remove all soiled and contaminated clothing. Wash contaminated clothes before reuse. Clean contaminated shoes before reuse. If skin irritation continues, consult a doctor.

**After eye contact:**

Do not rub eyes because additional damage to eyes can be caused by mechanical stress. If necessary, remove contact lenses and flush the eye immediately while holding eyelids open to water for at least 20 minutes. If possible, isotonic eyewash solution (e. g. 0,9% NaCl). Always consult an occupational physician or ophthalmologist.

(Contd. on page 4)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 3)

**After swallowing:**

Do not induce vomiting. If conscious rinse mouth with water and drink plenty of water. Consult a physician or poison control center.

**Most important symptoms and effects, both acute and delayed**

Symptoms and effects are described in section 2 and 11.

Eye contact with the product may cause serious and potentially permanent damage.

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

If a physician is to be consulted, as per possibility he should be presented this safety data sheet.

### SECTION 5: Firefighting measures

**Extinguishing media**

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

**Suitable extinguishing agents:**

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

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

This product is neither explosive nor flammable, and non-oxidizing with other materials. Particular danger of slipping on leaked/spilled product.

**Advice for firefighters**

No special measures required. 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

**Personal precautions, protective equipment and emergency procedures**

Avoid inhalation, eye and skin contact. If appropriate, reference must be made to exposure controls and personal protection (see section 8).

**Environmental precautions**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

**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

**Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace. Avoid contact with the eyes and skin. Wear protective clothing. Washing facilities / Water for cleaning yes and skin should be available. Persons, who tend to skin diseases or other hypersensitivity reactions of the skin, should not handle the product. Do not eat, drink, smoke or sniff while working.

(Contd. on page 5)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 4)

**Information about fire - and explosion protection:**

No special measures required.

**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Keep out of reach of children. Store in cool, dry place in tightly closed receptacles.

**Information about storage in one common storage facility:**

Keep away from foodstuffs, beverages and feed.

**Further information about storage conditions:**

Protect from frost. Protect from heat and direct sunlight.

**Minimum storage life:**

Minimum storage life (+5°C up to 25°C): See indication on package.

**Storage class:** 12**Specific end use(s)**

No further relevant information available.

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

**Control parameters****Ingredients with limit values that require monitoring at the workplace:****1305-62-0 Calcium dihydroxide**

WEL (Great Britain)	Short-term value: 4* mg/m <sup>3</sup> Long-term value: 5 1* mg/m <sup>3</sup> *resprable fraction
IOELV (EU)	Short-term value: 4 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup> Respirable fraction

**DNELs****1305-62-0 Calcium dihydroxide**

Inhalative	Systemic - Long term exposure	1 mg/m <sup>3</sup> (Consumer) 1 mg/m <sup>3</sup> (Employee)
	Systemic - Short term exposure	4 mg/m <sup>3</sup> (Consumer) 4 mg/m <sup>3</sup> (Employee)

**Ingredients with biological limit values:**

Void

**Additional information:**

The lists valid during the making were used as basis.

**Information about design of technical facilities**

No further data; see item 7.

**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Remove contaminated clothing immediately and thoroughly clean it before using it again. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working. Use skin protection cream for skin protection. Ensure that washing facilities are available at the work place.

(Contd. on page 6)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 5)

**Respiratory protection:**



Use suitable respiratory protective device only when aerosol or mist is formed (FFP2 according to EN 149)

**Hand protection:**



Hand protection: Chemical resistant protective gloves according EN ISO 374

The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Check protective gloves prior to each use for their proper condition. Preventive skin protection by use of skin-protecting agents is recommended. To avoid skin problems reduce the wearing of gloves to the required minimum.

**Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**For the permanent contact gloves made of the following materials are suitable:**

Polychloroprene (material thickness  $\geq 0.5$  mm ; breakthrough time  $\geq 480$  min.)

Nitrile rubber (material thickness  $\geq 0.35$  mm ; breakthrough time  $\geq 480$  min.)

Butyl rubber (material thickness  $\geq 0.5$  mm ; breakthrough time  $\geq 480$  min.)

Fluororubber (material thickness  $\geq 0.4$  mm ; breakthrough time  $\geq 480$  min.)

Neoprene (material thickness  $\geq 0.5$  mm ; breakthrough time  $\geq 480$  min.)

**Not suitable are gloves made of the following materials:**

Non-liquid-tight gloves made of fabric, leather or similar materials.

**Eye/face protection:**



In case of splash risk use tightly fitting safety goggles according to EN 166.

**Body protection:**



Wear closed long-sleeved clothing and tight shoes. If contact with fresh mortar is unavoidable, the protective clothing should also be waterproof. Make sure that no fresh mortar from above gets into the shoes or boots.

**Risk management measures:**

An operator training/guidance in the correct use of personal protective equipment is necessary to ensure the required level of effectiveness.

**Environmental exposure controls**

Do not allow product to reach water because an increase of pH may be caused. Ecotoxicological effects may occur when the pH-value is above 9. National regulations for waste water and groundwater are to be observed.

GB

(Contd. on page 7)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 6)

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

**General Information**

<b>Physical state</b>	Liquid
<b>Appearance:</b>	
<b>Form:</b>	Pasty
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not safety relevant
<b>pH at 20 °C (68 °F)</b>	> 11
	Saturated aqueous solution

**Change in condition**

<b>Melting point/freezing point:</b>	~ 0 °C (~ 32 °F) (ISO 3016)
<b>Boiling point or initial boiling point and boiling range</b>	100 °C (212 °F)
<b>Flammability</b>	Product is not flammable.
<b>Flash point:</b>	Not applicable
<b>Decomposition temperature:</b>	> 825°C to CaO and CO <sub>2</sub>
<b>Oxidising properties:</b>	None
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Vapour pressure at 20 °C (68 °F):</b>	23 hPa (17.3 mm Hg)
<b>Density and/or relative density</b>	
<b>Density at 20 °C (68 °F):</b>	1.6 - 1.8 g/cm <sup>3</sup> (13.35 - 15.02 lbs/gal)
<b>Bulk density:</b>	1,550 - 1,750 kg/m <sup>3</sup>
<b>Particle size</b>	
<b>Viscosity:</b>	
<b>Dynamic at 20 °C (68 °F):</b>	> 5,000 mPas (DIN 53019)
<b>Solubility</b>	
<b>Water:</b>	Fully miscible
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Solids content:</b>	70 - 75 %
<b>Solvent content:</b>	
<b>Organic solvents:</b>	< 0.0 %
<b>VOC without water (EC):</b>	0.02 g/l
<b>VOC with water (EC):</b>	0.01 g/l
<b>VOC with water (EC):</b>	< 0.001 %

**Other information**

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void

(Contd. on page 8)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 7)

<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity**

**Reactivity**

No dangerous reactions known (see 10.5).

**Chemical stability:**

The product is stable as long as it is stored properly and dry.

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions**

Reacts with acids, alkalis and oxidising agents.

**Conditions to avoid**

No further relevant information available.

**Incompatible materials**

Reacts exothermically with acids. The wet product is alkaline and reacts with acids, ammonium salts and base metals e.g. aluminum, zinc or brass. The reaction with base metals produces hydrogen.

**Hazardous decomposition products**

No dangerous decomposition products known.

**Minimum storage life:**

Minimum storage life (+5°C up to 25°C): See indication on package.

**Additional information:**

No further relevant information available.

**SECTION 11: Toxicological information**

**Information on hazard classes as defined in Regulation (EC) No 1272/2008**

The product was not investigated. The statement is derived from the properties of the single components.

**Acute toxicity:**

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

**LD/LC50 values relevant for classification:****1317-65-3 Limestone (Calcium carbonate)**

Oral	LD <sub>50</sub>	6,450 mg/kg (Rat) (RTECS Data)
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**1305-62-0 Calcium dihydroxide**

Oral	LD <sub>50</sub>	7,340 mg/kg (Rat) (OECD 425)
		> 2,500 mg/kg (Rabbit) (OECD 402)
Dermal	LD <sub>50</sub>	> 2,500 mg/kg (Rabbit) (OECD 402)

(Contd. on page 9)



**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 8)

**Other information (about experimental toxicology):****Primary irritant effect:****On the skin:**

Calcium dihydroxide is irritating to skin (in vivo, rabbit). As a result of studies of calcium dihydroxide is classified as irritating to skin (H315 - Causes skin irritation).

Causes skin irritation.

**On the eye:**

As a result of studies (in vivo, rabbit) calcium dihydroxide can cause serious eye damage (H318 - Causes serious eye damage).

Causes serious eye damage.

**Practical experience**

No further relevant information available.

**General comments**

See section 16 (literature and references).

**Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

**Toxicity**

The product was not investigated. The statement is derived from the properties of the single components.

**Aquatic toxicity:****1317-65-3 Limestone (Calcium carbonate)**

LC <sub>50</sub> (96h)	> 100 mg/l (Rainbow trout - oncorhynchus mykiss) (OECD 203)
LC <sub>50</sub> (48h)	> 100 mg/l (Water flea - daphnia magna) (OECD 202)
EC <sub>50</sub>	> 14 mg/l (Algae - desmodesmus subspicatus) (OECD 201)
	> 1,000 mg/l (Activated sewage sludge) (OECD 209)

**1305-62-0 Calcium dihydroxide**

LC <sub>50</sub> (96h Marine water)	457 mg/l (Fish) 158 mg/l (Invertebrate)
LC <sub>50</sub> (96h Freshwater)	33.884 mg/l (African catfish - clarias gariepinus) 50.6 mg/l (Fish)
EC <sub>50</sub> (48h)	49.1 mg/l (Invertebrate)
EC <sub>50</sub> (72h)	184.57 mg/l (Algae)
NOEC (72h)	48 mg/l (Algae)
NOEC (14d)	32 mg/l (Invertebrate)
NOEC (21d)	1,080 mg/kg (General plants)
NOEC (96h)	56 mg/l (Guppy - poecilia reticulata)
EC <sub>10</sub> /LC <sub>10</sub> (NOEC)	12,000 mg/kg (Soil microorganisms) 2,000 mg/kg (Soil macroorganisms)

(Contd. on page 10)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 9)

**Persistence and degradability**

Anorganic product, is not removable from water by biological cleaning process

**Bioaccumulative potential**

No further relevant information available.

**Mobility in soil**

No further relevant information available.

**Results of PBT and vPvB assessment****PBT:**

This substance/mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

**vPvB:**

This substance/mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Endocrine disrupting properties**

This substance/mixture does not contain components with endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentrations of 0.1% or higher.

**Other adverse effects**

No further relevant information available.

**Literature**

See section 16 (literature and references).

**Ecotoxicological effects:**

No further relevant information available.

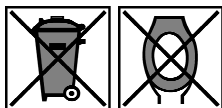
**Behaviour in sewage processing plants:**

No further relevant information available.

**Additional ecological information:****General notes:**

Not hazardous for water.

**SECTION 13: Disposal considerations**

**Waste treatment methods****Recommendation:**

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

Risk of environmental pollution. Follow the applicable regulations on waste disposal. Keep unused products and contaminated packaging sealed. Provide containers for waste collection. Hand over for disposal to a specialist company authorised to carry out such activities. Prevent the product from being released into the environment. Do not allow the product to enter the sewage system. Must not be disposed of with municipal waste. Empty containers can be utilised for energy recovery in a waste incineration plant or, if classified accordingly, collected at a landfill site. Perfectly cleaned packaging can be recycled.

Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 11)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 10)

<b>European waste catalogue</b>	
03 03 09	Lime mud waste
15 01 02	Plastic packaging

15 01 02 for the completely emptied packaging

**Uncleaned packaging**

**Recommendation:**

Disposal must be made according to official regulations.  
Recycle only completely emptied packaging.

**Recommended cleansing agents:**

Water, if necessary together with cleansing agents.

**SECTION 14: Transport information**

<b>UN number or ID number ADR, IMDG, IATA</b>	Void
<b>UN proper shipping name ADR, IMDG, IATA</b>	Void
<b>Transport hazard class(es) ADR, ADN, IMDG, IATA Class</b>	Void
<b>Packing group ADR, IMDG, IATA</b>	Void
<b>Environmental hazards</b>	Not applicable.
<b>Special precautions for user</b>	Not applicable
<b>Maritime transport in bulk according to IMO instruments</b>	Not applicable
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**

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

**Poisons Act**

**Regulated explosives precursors**

None of the ingredients is listed.

**Regulated poisons**

None of the ingredients is listed.

**Reportable explosives precursors**

None of the ingredients is listed.

**Reportable poisons**

None of the ingredients is listed.

(Contd. on page 12)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 11)

**GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

**Hazard pictograms**

GHS05

**Signal word** Danger**Hazard-determining components of labelling:**

Calcium dihydroxide

**Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

**Precautionary statements**

P102 Keep out of reach of children.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in keeping with local and national regulations.

**Directive (EU) 2012/18****Named dangerous substances - ANNEX I :**

None of the ingredients is listed.

**Biozide ingredients (EU) 528/2012:**

Data based on recipe and information on the raw materials from the supply chain.

2-Methyl-2H-isothiazol-3-one

&lt; 0.00015%

**Classification according (EU) 2004/42:**

Not applicable

**Other regulations, limitations and prohibitive regulations:**

·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 (UK 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

·Commission Regulation (EU) No 878/2020 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (UK REACH)

·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

(Contd. on page 13)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 12)

·Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste

·Regulation (EC) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

**Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

**Reasons for changes:**

\* Data compared to the previous version altered.

**Relevant phrases:**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

**Advice for instructions:**

Additional trainings, which go beyond the prescribed training in activities involving hazardous substances are not required.

**Literature and the data sources:**

[2] Technische Regel für Gefahrstoffe „Arbeitsplatzgrenzwerte“, 2009, GMBI Nr.29 S.605.

[3] MEASE 1.02.01 Exposure assessment tool for metals and inorganic substances, EBRC Consulting GmbH für Eurometaux, 2010

[4] Observations on the effects of skin irritation caused by cement, Kietzman et al, Dermatosen, 47, 5, 184-189 (1999).

[6] U.S. EPA, Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, 3rd ed. EPA/600/7-91/002, Environmental Monitoring and Support Laboratory, U.S. EPA, Cincinnati, OH (1994a).

[7] U.S. EPA, Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 4th ed. EPA/600/4-90/027F, Environmental Monitoring and Support Laboratory, U.S. EPA, Cincinnati, OH (1993).

[8] Environmental Impact of Construction and Repair Materials on Surface and Ground Waters. Summary of Methodology, Laboratory Results, and Model Development. NCHRP report 448, National Academy Press, Washington, D.C., 2001.

[11] TNO report V8815/09, Evaluation of eye irritation potential of cement clinker G in vitro using the isolated chicken eye test, April 2010.

[12] TNO report V8815/10, Evaluation of eye irritation potential of cement clinker W in vitro using the isolated chicken eye test, April 2010.

[18] Anonymous, 2006: Tolerable upper intake levels for vitamins and minerals Scientific Committee on Food, European Food Safety Authority, ISBN: 92-9199-014-0 [SCF document]

[19] Anonymous, 2008: Recommendation from the Scientific Committee on Occupational Exposure Limits (SCOEL) for calcium oxide (CaO) and calcium dihydroxide (Ca(OH)<sub>2</sub>), European Commission, DG Employment, Social Affairs and Equal Opportunities, SCOEL/SUM/137 February 2008

**Department issuing MSDS:**

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**Contact:**

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(Contd. on page 14)

**HASIT PF 890 KALSIT FINISH PLUS**

(Contd. of page 13)

**Abbreviations and acronyms:**

MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace, Austria/Germany)

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent, bioaccumulative properties

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

**Further information:**

The information in this safety data sheet describe the safety requirements of our product and is based on our current state of our knowledge. They provide no assurance of product quality. Existing laws, ordinances and regulations, including those that are not mentioned in this data sheet must be observed by the recipient of our products in their own responsibility.