

## HF, MD, WR, MF, TC filler

Version 2.1 Revision Date 14/10-2016

Print Date 14/10/2016

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

#### 1.1. Product identifier

**Trade name**

TC filler, HF Filler, WR Filler, MF filler, MD filler

**Product no.**

1050525

**REACH registration number**

Not applicable

**Other means of identification**

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

**Relevant identified uses of the substance or mixture**

Mortar

**Uses advised against**

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The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Ulfcar Production Aps

Tværvejen 15

5580 Nørre Aaby

tlf.nr. +45 70213888

**Contact person**

Philip Børsting

**E-mail**

pb@ulfcar.dk

**SDS date**

21-6-2016

**SDS Version**

1.0

#### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

### SECTION 2: Hazards identification

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

Skin Irrit. 2, Eye Dam. 1, STOT SE 3 // H335, H318, H315

See full text of H/R-phrases in section 2.2.

**DPD/DSD Classification**

Irritant. (Xi).

Irritating to respiratory system and skin.(R37/38). Risk of serious damage to eyes.(R41).

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**2.2. Label elements****Hazard pictogram(s)****Signal word**

Danger!

**Hazard statement(s)**

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

May cause respiratory irritation. (H335)

**Identity of the substances primarily responsible for the major health hazards**

Cement, portland, Microsilica (amorph)

**Safety statement(s)****General**If medical advice is needed, have product container or label at hand. (P101)  
Keep out of reach of children. (P102)**Prevention**

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

**Response**

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

**Storage**

Store locked up. (P405)

**Disposal**

Dispose of contents/container to an approved waste disposal plant. (P501)

**2.3. Other hazards**

The product is corrosive when mixed with water.

**Additional labelling**

The content of water-soluble chromate is less than 2 ppm in dry storage up to 12 months from production date. If stored under moist conditions, the chromate reduction can be impaired.

Contains calcium aluminat sulfate. May produce an allergic reaction.

**Additional warnings**

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**VOC**

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**3.1/3.2. Substances**

NAME: Cement, portland  
IDENTIFICATION NOS.: CAS-no: 65997-15-1 EC-no: 266-043-4  
CONTENT: 25-40%  
DSD CLASSIFICATION: Xi;R41 R37/38  
CLP CLASSIFICATION: STOT SE 3, Skin Irrit. 2, Eye Dam. 1  
H315, H318, H335

NAME: calcium aluminate sulfate  
IDENTIFICATION NOS.: CAS-no: 12005-25-3  
CONTENT: <1%  
DSD CLASSIFICATION: Xi;R43 R66  
CLP CLASSIFICATION: Skin Sens. 1  
H317, EUH066

(\* See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

**Other informations****SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

**Inhalation**

Get the person into fresh air and stay with them.

**Skin contact**

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact**

Remove contact lenses. Flush eyes with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Contact a doctor at once.

**Ingestion**

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

**Burns**

Rinse with water until the pain stops and continue for 30 minutes.

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

Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed protein as a foreign body and will try to destroy it. Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

No special

**Information to medics**

Bring this safety data sheet.

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

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Some metal oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact.

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

Avoid inhalation of vapours from waste material. Avoid direct contact with spilled substances.

**6.2. Environmental precautions**

No specific requirements.

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

Sweep up spills carefully. Use water sprays or ventilated evacuation systems to prevent dust. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

**6.4. Reference to other sections**

See section on "Disposal" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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

Store dry.

**Storage temperature**

NA

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

This product should only be used for applications described in Section 1.2

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

OEL

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Quartz (EH40, 2011)

Long-term exposure limit (8-hour TWA reference period): - ppm | 0,1 mg/m<sup>3</sup>Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

Quartz, respirable (EH40, 2011)

Long-term exposure limit (8-hour TWA reference period): - ppm | 0.1 mg/m<sup>3</sup>Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

aluminium (EH40, 2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | 4 mg/m<sup>3</sup>Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

ammonia (EH40/2005, 2005)

Long-term exposure limit (8-hour TWA reference period): 25 ppm | 18 mg/m<sup>3</sup>Short-term exposure limit (15-minute reference period): 35 ppm | 25 mg/m<sup>3</sup>

calcium oxide (EH40/2005, 2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | 2 mg/m<sup>3</sup>Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

Cement, portland (EH40/2005, 2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | 10 mg/m<sup>3</sup>Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>**DNEL / PNEC**

No data available.

**8.2. Exposure controls**

Compliance with the stated exposure limits values should be checked on a regular basis.

**General recommendations**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

**Exposure scenarios**

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

**Exposure limits**

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values below.

**Appropriate technical measures**

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values (see below). Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

**Hygiene measures**

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

**Measures to avoid environmental exposure**

Keep damming materials near the workplace. If possible collect spillage during work.

**Individual protection measures, such as personal protective equipment****Generally**

Only CE-marked personal protection equipment should be used.

**Respiratory Equipment**

If the ventilation at the work place is not sufficient, use a half or whole mask with an appropriate filter or an air-supplied respiratory protector. The choice depends on the concrete work situation and how long you will be using the product.

**Skin protection**

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Special work clothing should be used. When working with this product for a long period of time, use a protective suit.

**Hand protection**

Use protective gloves. The concrete work situation is not known. Contact the suppliers of the gloves for help on the glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3.

**Eye protection**

Use face shield. Use safety glasses with a side shield as an alternative.

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

Form	Colour	Odour	pH	Viscosity	Density (g/cm <sup>3</sup> )
Solid	NA	NA	-	-	-
<b>Phase changes</b>					
Melting point (°C)		Boiling point (°C)		Vapour pressure (mm Hg)	
-		-		-	
<b>Data on fire and explosion hazards</b>					
Flashpoint (°C)		Ignition (°C)		Self ignition (°C)	
-		-		-	
Explosion limits (Vol %)		Oxidizing properties			
-		-			
<b>Solubility</b>					
Solubility in water		n-octanol/water coefficient			
Soluble		-			

**9.2. Other information**

Solubility in fat	Additional information
-	N/A

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

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in the section on "Handling and storage".

**10.3. Possibility of hazardous reactions**

No special

**10.4. Conditions to avoid**

No special

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidising agents, and strong catabolic agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Substance	Species	Test	Route of exposure	Result
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No data  
available.**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**Long term effects**

Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed protein as a foreign body and will try to destroy it.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

**SECTION 12: Ecological information****12.1. Toxicity**

Substance	Species	Test	Test duration	Result
No data available.				

**12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
No data available.			

**12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow	BFC
No data available.			

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

No special

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

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The product is covered by the regulations on dangerous waste.

**Waste**  
EWC  
code  
-

**Specific labelling**

-

**Contaminated packing**

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

**SECTION 14: Transport information**

Not listed as dangerous goods under ADR and IMDG regulations.

**14.1 – 14.4**

ADR/RID	14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group	Notes	
IMDG UN-no.	Proper Shipping Name	Class	PG*	EmS	MP**	Hazardous constituent

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No data available

(\*) Packing group  
(\*\*) Marine pollutant

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

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC. For exceptions, see the Danish Working Environment Authority's Executive Order No. 239 of 6 April 2005.

**Demands for specific education**

-

**Additional information**

-

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information'****Sources**

EC regulation 1907/2006 (REACH)  
Directive 2000/532/EC  
EC Regulation 1272/2008 (CLP)

**Full text of H/R-phrases as mentioned in section 3**



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R41 - Risk of serious damage to eyes.  
R43 - May cause sensitisation by skin contact.  
R66 - Repeated exposure may cause skin dryness or cracking.  
R37/38 - Irritating to respiratory system and skin.

H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.  
EUH066 - Repeated exposure may cause skin dryness or cracking.

### The full text of identified uses as mentioned in section 1

### Other symbols mentioned in section 2

-

#### Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.  
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.  
A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

### The safety data sheet is validated by

PIPE/CHYMEIA

### Date of last essential change (First cipher in SDS version)

15-12-2014

### Date of last minor change (Last cipher in SDS version)

15-12-2014