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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Name of product</b>	<b>Trennmittel Superfein</b>
<b>Manufacturer/distributor</b>	TGK GmbH Helleforthstraße 18 - 20, D-33758 Schloß Holte - Stukenbrock Phone 05207 91280, Fax 05207 912840  E-Mail <a href="mailto:tgk@tgk.de">tgk@tgk.de</a> Internet <a href="http://www.tgk.de">www.tgk.de</a>
<b>Advice</b>	Phone 05207 91280 Fax 05207 912840
<b>Emergency advice</b>	Phone 05207 91280

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## 2. HAZARDS IDENTIFICATION

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### ! 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous ingredients

CAS No	EC No	Name	[%]	Classification
21645-51-2		Aluminium Trihydroxide 10 (respirable) (non-fibrous)	c. 75	---
1332-58-7		Kaolin This component is not listed due to proprietary information	c. 20 aprox. 5	---

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## 4. FIRST AID MEASURES

#### General information

Remove contaminated soaked clothing immediately.  
In the event of persistent symptoms receive medical treatment.  
Take affected person into fresh air.

#### In case of inhalation

Remove the casualty into fresh air and keep him immobile.  
In the event of symptoms refer for medical treatment.

#### In case of skin contact

In case of contact with skin wash off with soap and water.  
Remove contaminated clothing immediately, even underwear and shoes.  
Consult a doctor if skin irritation persists.

#### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### In case of ingestion

Induce the patient to vomit by him self only if fully conscious.  
If swallowed by mistake drink plenty of water and seek medical treatment.  
Induce vomiting if patient is conscious, seek medical advice.

**Treatment (Advice to doctor)**

Treat symptoms.  
If necessary, give oxygen.  
If swallowed, induce vomiting (if conscious).

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**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Product does not burn, fire-extinguishing activities according to surrounding.  
Foam  
Dry fire-extinguishing substance  
Carbon dioxide  
water mist

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire formation of dangerous gases possible.  
In the event of fire the following can be released:  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

**Special protective equipment for fire-fighters**

Wear full protective clothing.  
Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.  
Do not inhale explosion and/or combustion gases.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Ensure adequate ventilation.  
Use personal protective clothing.  
Use breathing apparatus if exposed to vapours/dust/aerosol.  
Forms slippery surfaces with water.

**Environmental precautions**

Collect contaminated water / firefighting water separately.

**Methods for cleaning up**

Avoid dust formation.  
Moisten, take up mechanically and send for disposal.  
After taking up the material dispose according to regulation.

**Additional Information**

Informations for safe handling see chapter 7.  
Informations for personal protective equipment see chapter 8.  
Informations for disposal see chapter 13.

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**7. HANDLING AND STORAGE**

**Advice on safe handling**

Avoid the formation of dust.  
Use only in well-ventilated areas.

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**Advice on protection against fire and explosion**

Keep away from sources of ignition  
The product is not combustible.  
In case of special conditions product may dust-explode.  
Keep at a distance of combustible materials.  
Pay attention to general rules of internal fire prevention.  
Avoid formation of dust.

**Requirements for storage rooms and vessels**

Ventilate store-rooms thoroughly.

**Advice on storage compatibility**

Keep at distance to combustile materials.

**Further information on storage conditions**

Protect from heat and direct solar radiation.  
Keep container dry, tightly closed and store at cool and aired place.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Additional advice on system design**

not determined

**Respiratory protection**

In case of dust formation wear micro dust mask.

**Hand protection**

Protective gloves

**Eye protection**

safety goggles with side protection  
tightly fitting goggles

**Skin protection**

boots  
protective clothing  
apron

**General protective measures**

Avoid contact with eyes and skin  
Do not inhale dust.

**Hygiene measures**

Provide washing facilities at place of work.  
At work do not eat, drink and smoke.  
Wash hands and skin before breaks and after work.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form**  
powder

**Colour**  
white

**Odour**  
odourless

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	> 8	20 °C			

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	Value	Temperature	at	Method	Remark
<b>Changes in physical state gas</b>	not determined				
<b>Changes in physical state solid/fluid</b>	not determined				
<b>Flash point</b>	not applicable				
<b>Flammable solid</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not applicable				
<b>Autoignition</b>	not applicable				
<b>Vapour pressure</b>	not applicable				
<b>Density</b>	c. 1,48 - 1,52 kg/m <sup>3</sup>				
<b>Bulk density</b>	c. 38,43 kg/m <sup>3</sup>				
<b>Solubility in water</b>					difficult to dissolve

## 10. STABILITY AND REACTIVITY

### Materials to avoid

The product is not a dust explosion risk as supplied however the build-up of fine dust can lead to a risk of dust explosions.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	low irritant effect - not necessary to label			
<b>Irritability eye</b>	low irritant - no labeling duty			

## 12. ECOLOGICAL INFORMATION

### **13. DISPOSAL CONSIDERATIONS**

**Recommendations for the product**

Remove in accordance with local official regulations.

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### **14. TRANSPORT INFORMATION**

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### **15. REGULATORY INFORMATION**

**Remarks for classification**

The product does not require a hazard warning label in accordance with EC directives.

**National regulations**

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### **16. OTHER INFORMATION**

**Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.