

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

1. Identification of the substance or preparation

TERMIGARD POWDER

Cellulose

REACH registration number: not relevant

Use of the substance/preparation: The product is intended for professional use

Company/undertaking identification

Supplier:

QUIMUNSA

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Further remarks:

Information

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info@quimunsa.com

Website:

www.quimunsa.com

National contact:

Information Telephone:

Information Telefax:

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Website:

Emergency telephone:

Telephone:

+34 94 674 1085

Dept. responsible for information:

2. Hazards identification

Classification/labelling: not relevant

Hazard symbols: not relevant

R phrases: not relevant

Critical hazard to man and environment:

This material is combustible, but will not ignite readily.

The substance does not need registration in accordance with REACH, Annex IV and V.

Labelling (EU-GHS): not relevant

Hazard pictograms: not relevant
Signal word: not relevant
H phrases: not relevant

3. Composition/information on ingredients

Chemical characterization (preparation):

Substance related information

Cellulose

100 %

CAS-No.: 9004-34-6

EC-no. (EINECS/ELINCS): 232-674-9

Dangerous ingredients: not relevant

Additional information:

The substance does not need registration in accordance with REACH, Annex IV and V.

4. First aid measures

General information:	In all cases of doubt, or when symptoms persist, seek medical advice.
Following inhalation:	Provide fresh air.
After skin contact:	not relevant
Following eye contact:	Rinse immediately carefully and thoroughly with eye-bath or water. Seek medical attention if problems persist.
After ingestion:	not relevant
Self-protection of the first aider:	not relevant
Information to physician:	
Symptoms:	No symptoms known up to now.
Nature of Hazard:	not relevant
Treatment:	Treat symptomatically.

5. Fire fighting measures

General information:
not relevant

Suitable extinguishing media:

Water fog. Carbon dioxide (CO₂). Foam. Dry extinguishing powder.

Extinguishing media which must not be used for safety reasons:

High power water jet.

Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Can be released in case of fire: Carbon monoxide. Carbon dioxide.

Special protective equipment for fire-fighters:

In case of fire: Wear self-contained breathing apparatus.

Additional information:

Fire class A: Solid material fires, mainly of organic nature, that normally burn with formation of embers.

6. Accidental release measures

Personal precautions:

Wear respiratory protection when in the presence of vapour, dust, and aerosols.

Environmental precautions:

No special environmental protection measures are necessary.

Methods for cleaning up:

Collect mechanically.

Avoid generation of dust.

Additional information:

Do not sweep dryly when dust clouds or static electricity can be produced.

7. Handling and storage

Handling**Information for safe handling:**

In case of open handling, use devices with built-in suction where possible.

Technical measures:

Measures to prevent aerosol and dust accumulation:

Provide for sufficient ventilation and punctiform suction at critical points.

Dust should be vacuumed up immediately at the place it occurs.

Precautions against fire and explosion:

Product is: Combustible.

Keep away from hot surfaces.

Before opening the container prepare fire extinguisher.

Additional information:

Explosive dust-air mixtures may form.

Storage**Technical measures and storage conditions:**

not relevant

Packaging materials:

not relevant

Requirements for storerooms and containers:

not relevant

Information about storage in one common storage facility:

not relevant

Further information concerning storage conditions:

Protect against: moisture.

Relative room humidity (%): not relevant

Storage stability: minimum 5 years

Maximum period of storage (time): not relevant

Storage class: 11 Combustible solids.

Specific use(s):

not relevant

8. Exposure controls / Personal protection equipment

Exposure limit values:

Substance: Cellulose

CAS-No.: 9004-34-6

EC-No.(EINECS/ELINCS): 232-674-9

Components with workplace or biological limit values to be monitored:

OEL(AU): 10 mg/m³

Source: GESTIS

OEL(CA-ONTARIO): 10 mg/m³

Source: GESTIS

OEL(GB): 10 mg/m³ inhalable Aerosol ; 4 mg/m³ respirable aerosol

Source: GESTIS

OEL(NZ): 10 mg/m³

Source: GESTIS

OEL(US-OSHA): 15 mg/m³ Total dust; 5 mg/m³ respirable dust

Source: GESTIS

Exposure controls

Occupational exposure controls:

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

Respiratory protection:

Respiratory protection required in case of: In the case of the formation of dust.

Suitable respiratory protective equipment: half-mask with filter according to EN 149.

The filter class must be suitable for the maximum contaminant concentration

(gas/vapour/aerosol/particulates) that may arise when handling the product.

If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Hand protection:

Hand protection: not required.

Eye protection:

Dust protection goggles.

Skin protection:

Skin protection: not required.

Environmental exposure controls:

refer to chapter 7. No further action is necessary.

Consumer exposure controls:

not relevant

9. Physical and chemical properties

Appearance

State of matter:

Paint:

Odour:

Fibres

white

odourless

Safety relevant basis data

pH:

Melting point / melting range:

Boiling temperature / boiling range:

Flash point:

5 – 7

not applicable

not applicable

not determined

Flammability:	not relevant	
Explosion hazard:	dust explosive	
Lower explosion limit:	30 g/m ³	
Upper explosion level:	11,000 g/m ³	
Ignition temperature:	not determined	
Oxidizing characteristics:	not oxidizing	
Vapour pressure:	not applicable	
Density:	approx. 1.5 g/cm ³	
Solubility in water:	insoluble	
Fat solubility:	insoluble	
Solubility in:	not relevant	
Distribution coefficient (n-octanol / water) (log P O/W):	not applicable	
Viscosity:	not applicable	
Relative vapour density:	not applicable	
Speed of vaporization/evaporation rate:	not applicable	
Solvent separation test:	not applicable	
Solvent content:	0 %	
Bulk density:	35 - 50 kg/m ³	

General information:

Dust explosion category: St 1

Minimum ignition energy in mJ: > 30

Minimum ignition temperature of a dust cloud in °C: 400

Flammability and burning behaviour of dust layers: combustion rate (BZ) 5

Minimum ignition temperature of a 5 mm dust layer (glowing temperature): >= 330 °C

Maximum explosion pressure in bar: < 9.5

KSt-value in bar m s-1: < 200

Product has not been tested.

The statement is derived from products of similar composition.

10. Stability and reactivity

Conditions to avoid:

Decomposition takes place from temperatures above: approx. 200 °C

Materials to avoid:

not relevant

Hazardous decomposition products:

Carbon monoxide. Carbon dioxide.

Additional information:

not relevant

11. Toxicological information

Acute toxicity:

not relevant

Specific symptoms in laboratory animals:

not relevant

Irritation and etching**Irritant effect on the skin:** Not an irritant.**Irritant effect on the eye:** Not an irritant.**Irritant effect on the respiratory tract:** Not an irritant.

Sensitization:

no danger of sensitization.

Repeated dose toxicity:

not relevant

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):

not relevant

Additional information:

Mechanical action of the product (e.g. unwanted adherence) may cause damages.

Practical experience:

not relevant

Other observations:

not relevant

General remarks:

not relevant

12. Ecological information**Ecotoxicity:**

not relevant

Mobility:

not relevant

Persistence and Biodegradation:

not persistent.

Bioaccumulative potential:

No indication of bio-accumulation potential.

Results of PBT assessment:

This substance does not meet the criteria for classification as PBT or vPvB.

Other harmful effects:

not relevant

Further ecological information:

According to the present state of knowledge negative ecological effects are not expected.

Further details:

not relevant

13. Disposal considerations**Appropriate disposal/Product:**

Waste disposal according to official state regulations.

Control report for waste code/ waste marking according to EAKV:**Waste key product:** 03 03 99 - wastes, nos**Waste key packaging:** 15 01 06 - mixed packaging

Contaminated packaging:

Completely emptied packings can be recycled.

Remark:

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

14. Transport information**Overland transport (ADR/RID)****Official directive for the transport:****UN No.:****Label:****Packing Group:****Classification code:****Remark:** Not a hazardous material with respect to these transportation regulations.**Transport by sea (IMDG)****Proper Shipping name:****UN-No.:****Label:****EmS-No:****Special****Provisions:****Remark:** Not a hazardous material with respect to these transportation regulations.**Packing Group:****MFAG:****Marine pollutant:****Air transport (ICAO-TI / IATA-DGR)****Proper Shipping name:****UN/ID-No.:****Label:****Remark:****Packing Group:**

Not a hazardous material with respect to these transportation regulations.

Mailing: Not classified for this carrier.

15. Regulatory information**Labeling:**

The classification and identification based on the criteria in Annex I to Regulation (EC) 1272/2008

For this preparation a chemical safety assessment has been carried out: No

Danger symbol(s) and danger term(s) for dangerous materials and preparations:

not relevant

Phrases R: not relevant**Phrases S:** not relevant**Hazard pictograms:** not relevant**Signal word:** not relevant**Phrases H:** not relevant**Phrases P:**

210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

240 Ground/bond container and receiving equipment.

241 Use explosion-proof electrical/ventilating/lighting/.?/ equipment.

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

Hazardous component(s) for labelling:

not relevant

Special labelling of particular preparations:

not relevant

EU-Regulations:**Data concerning the Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL):**

not relevant

Regulation (EC) No 648/2004 (Detergents regulation):

not relevant

National regulations:

Moreover, national legislation has to be observed!

Informations on working limitations:

not relevant

Disturbance Ordinance:

not relevant

Storage class:

11 Combustible solids.

Water Hazard Class:

0 not a water pollutant

Technical Instructions on Air Quality (TA-Luft):

not relevant

Further regulations, limitations and legal requirements:

not relevant

16. Other information**Wording of the H-phrases under paragraph 3:**

not relevant

Training instructions: not relevant

Recommended restrictions of use:

not relevant

Further remarks:

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.

Documentation of changes:

| Data changed from previous versions

Data sources:

Data arise from reference works and literature.

GESTIS- substances database

Directive 67/548/EEC

Directive 1999/45/EC

Regulation(EC) 1272/2008 (CLP)
