

Safety Data Sheet HPE 30

In accordance with Regulation (EC) No. 1907/2006

Version: 2.0

Revision date: 16.10.2026

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SECTION 1:

Name of the substance or mixture and the company

1.1 Product identifier

Product: Hemplizit HPE 30

1.2. Relevant identified uses of the substance or mixture and uses that are discouraged:

No other relevant information available

Relevant identified uses of the substance or mixture:

Filler for the rubber industry

Filler for the plastics industry

Filler for the construction industry

1.3. Details of the supplier providing the safety data sheet:

Supplier: Solid Plant GmbH
Am Kielsgraben 8
D-40789 Monheim am Rhein
www.solid-plant.com

Contact: +49 178 83 41 716
Email: hallo@solid-plant.com

1.4. Emergency number: +49 178 83 41 716 (Mon to Fri, 08:00 to 16:00 CET)
hallo@solid-plant.com.
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SECTION 2: Possible Hazards

2.1 Classification of the substance or mixture CLP No. 1272/2008.

The product is not classified under the CLP Regulation.

2.2 Labelling elements CLP No. 1272/2008.

not applicable

Hazard pictograms

not applicable

Signal word

not applicable

Warnings

not applicable

Safety

not applicable

Storage

Protect from moisture.

Disposal

See section 13.

Other markings

not applicable

2.3 Other hazards

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

Combustible dust: Fine dust may form explosive dust/air mixtures. Avoid dust formation and dust deposits and keep away from ignition sources.

SECTION 3: Composition/ingredient information

3.1 Substance:

Industrial hemp shives, mechanically processed and micronised

3.1 Additives:

not applicable

Hazardous ingredients:

The mixture does not contain any hazardous ingredients.

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SECTION 4: Description of First Aid Measures

4.1. Description of first aid measures

General information: Observe the following measures.

Inhale: Fresh air supply, consult a doctor if you have any complaints.

Skin contact: In general, the product is not irritating to the skin.
Wash off with water.

Eye contact: Rinse the eyes with running water for several minutes with the slit open.

Swallow: If symptoms persist, consult a doctor.

4.2. Main acute or delayed symptoms and effects:

No other relevant information available.

4.3. Indications of immediate medical assistance or special treatment:

No other relevant information available.

SECTION 5: Firefighting Measures

5.1. Extinguishing agent

Suitable extinguishing agents: Water spray, foam, dry extinguishing powder, carbon dioxide.
Avoid a full water jet, which may raise dust.

Extinguishing agents that are not to be used for safety reasons:

Not applicable.

5.2. Special hazards posed by the substance or mixture:

Fine dust may form explosive mixtures with air. Combustion may produce carbon monoxide and carbon dioxide.

5.3 Notes for firefighting:

Avoid raising dust. Wear self-contained breathing apparatus if necessary.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and procedures to be used in emergencies:

Avoid dust formation. Do not breathe dust. Keep away from ignition sources.

6.2 Environmental protection:

No special measures required.

6.3 Methods and material for retention and purification

Pick up mechanically while avoiding dust formation, e.g. with an industrial vacuum cleaner suitable for combustible dust. Do not blow off with compressed air.

6.4 Reference to other sections:

No hazardous substances are released.

SECTION 7: Handling and Storage

7.1 Protective measures for safe handling:

Provide good ventilation and dust extraction at the workplace. Avoid dust formation and dust deposits. Do not breathe dust. Take precautionary measures against electrostatic discharge and earth equipment. Store away from ignition sources or open flames.

7.2 Conditions for safe storage taking into account incompatibilities:

Requirements for storage rooms and containers:

Protect from moisture.

Summary storage notes:

Not required.

Further information on storage conditions:

Store in a dry place.

Storage stability from the date of production 3 years.

7.3 Specific end uses:

No relevant information available.

SECTION 8: Limitation and Monitoring of Exposure/Personal Protective Equipment**8.1 Parameters to monitor:**

The product does not contain any relevant quantities of substances with workplace-related limit values to be monitored.

Additional exposure values in case of possible processing hazards:**General dust limit value**

AGW: 1,25 A mg/m³

10 E mg/m³

Additional note:

The lists valid at the time of preparation served as a basis.

8.2 Limiting and monitoring exposure**Suitable technical control equipment**

No information available.

Personal protective equipment

Respiratory protection If the occupational exposure limit values are exceeded, a suitable breathing apparatus must be worn. If there are no occupational exposure limit values, adequate respiratory protection measures must be taken in the event of the formation of dust, aerosols and mists.

Eye/Face Protection

Safety goggles (DIN EN 166)

Hand protection

In the event of possible skin contact with the product, the use of gloves, tested according to e.g. EN 388, offers sufficient protection. In any case, the protective glove should be tested for its workplace-specific suitability (e.g. mechanical resistance, product compatibility, antistatic). Follow the instructions and information provided by the glove manufacturer for the application, storage, care and replacement of the gloves. The protective gloves should be replaced immediately in the event of damage or initial signs of wear. Design work processes in such a way that gloves do not have to be worn all the time.

Other protective measures

Standard work clothing.

Limiting and monitoring environmental exposure

No information available.

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SECTION 9: Physical and Chemical Properties

9.1. Information on the basic physical and chemical properties:

General information

State of matter	solid (powder)
Color	yellow-grey
Smell:	almost odourless
Melting point/freezing point:	Not applicable

boiling point or beginning of boiling and Boiling range decomposition when heated.

Flash point:	Not applicable
Ignition temperature	320 °C
Decomposition Temperature:	200 °C

SADT

pH value at 20 °C:	6,5 +/- 1
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Solubility

Water:	insoluble
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Density and/or relative density

Density at 20 °C:	0.98 g/cm ³
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Particle properties

See Section 3.

9.2 Other information:

Appearance:

Form:	Powder
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Important information on health and safety

Environmental protection and safety

Ignition temperature:	The product is not self-igniting.
Explosive properties:	The product is not explosive. Fine dust may form explosive dust/air mixtures. Dust explosion characteristics (Kst value, maximum explosion pressure, minimum ignition energy) have not been determined.

Solvent content:

Organic solvents:	0,0 %
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Information on physical hazard classes

Explosive substances/mixtures and articles

with explosives	not applicable
Flammable gases	not applicable
Aerosols	not applicable
Oxidizing gases	not applicable
Gases under pressure	not applicable
Flammable liquids	not applicable
Flammable solids	not applicable
Self-reactive substances and mixtures	not applicable
Pyrophoric liquids	not applicable
Pyrophoric solids	not applicable
Self-heating substances and mixtures	not applicable

substances and mixtures that come into contact with

Water Flammable Gases	not applicable
Oxidizing liquids	not applicable
Oxidizing solids	not applicable
Organic peroxides	not applicable
Corrosive to metals	
Substances and mixtures	not applicable
desensitised substances/mixtures and	
Products containing explosives	not applicable

SECTION 10: Stability and Reactivity

10.1 Reactivity: No other relevant information available.

10.2 Chemical stability: Stable with recommended use and storage. See section 7.

10.3 Possibility of dangerous reactions:
None known.

10.4 Conditions to avoid:
Intense heat. No other relevant information available.

10.5 Incompatible materials:
Avoid contact with strong oxidizing agents.

10.6 Dangerous decomposition products:
None when used as intended and
Proper storage

SECTION 11: Toxicological information**11.1 Information on hazard classes within the meaning of Regulation (EC) No. 1272/2008****Acute toxicity**

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

Corrosive/irritating effect on the skin

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

Severe eye damage/irritation

Irritation on direct contact

Sensitization of the respiratory tract/skin

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Specific target organ toxicity with single exposure

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

Specific target organ toxicity with repeated exposure

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

Risk of aspiration

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

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

None of the ingredients are included.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

No other relevant information available.

12.2 Persistence and degradability biodegradable

Other notes:

The product is biodegradable.

12.3 Bioaccumulation potential

Does not accumulate in organisms.

12.4 Mobility in the ground

No other relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine Disrupting Properties

The product does not contain any substances with endocrine-disrupting properties.

12.7 Other Adverse Effects

Further ecological information:

General notes: Not hazardous to water.

SECTION 13: Disposal Instructions

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13.1 Waste treatment procedures:

Smaller quantities can be landfilled together with household waste.

The waste codes mentioned are recommendations based on the expected use of the product

EWC code:	08 00 00	WASTE FROM PRODUCTION, PREPARATION, SALES AND APPLICATION (HZVA) OF COATINGS (PAINTS, VARNISHES, ENAMEL), ADHESIVES, SEALANTS AND INKS
	08 04 00	Waste from HZVA of adhesives and sealants (including water-repellent materials)
	08 04 99	Waste n.e.c.
	03 00 00	WASTE FROM WOODWORKING AND PRODUCTION OF PANELS, FURNITURE, PULP, PAPER AND BOARD
	03 03 00	Waste from production and processing of pulp, paper, cardboard and cardboard
	03 03 10	Fibre waste, fibre, filler and coating slurries from mechanical separation
	07 02 14	Waste of additives containing hazardous substances contain
	07 02 14	Waste of additives containing hazardous substances contain
	07 02 99	Waste n.e.c.

Uncleaned packaging: Uncleaned packaging should be disposed of in accordance with local waste disposal regulations.

SECTION 14: Transportation Information

ADR/RID	IMDG/IMO
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14.1 UN Number:	not applicable	not applicable
14.2 Proper UN shipping designation:	not applicable	not applicable
	ADR/RID	IMDG/IMO
14.3 Transport hazard classes:	not applicable	not applicable
14.4 Packing Group:	not applicable	not applicable
14.5 Environmental hazards: Marine pollutant:	No	No

14.6 Special precautions for the user:

Not applicable

14.7 Bulk cargo transport in accordance with Annex II of the MARPOL Convention 73/78 and according to the IBC Code:

Not applicable

Transport/further information:

No dangerous goods according to the above regulations

UN "Model Regulation"

not applicable

SECTION 15: Legislation

15.1 Safety, health and environmental regulations/specific

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Legislation relating to the substance or mixture

Directive 2012/18/EU

Dangerous substances listed by name - ANNEX I

None of the ingredients are included.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients are included.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (UPPER concentration limit for a permit under Article 5(3))

None of the ingredients are included.

ANNEX II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients are included.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients are included.

Regulation (EC) No 111/2005 laying down rules for the control of trade in drug substitutes between the Community and third countries

None of the ingredients are included.

National provisions:

Water hazard class:

Generally not hazardous to water.

Other Regulations, Restrictions and Prohibition Ordinances

Substances of Very High Concern (SVHC) according to REACH, Article 57

None of the ingredients are included.

15.2 Chemical safety assessment:

A chemical safety assessment was not carried out.

SECTION 16: Other Disclosures

The information is based on the current state of our knowledge, but it does not represent an

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assurance of product characteristics and does not establish a contractual legal relationship.

This safety data sheet meets the requirements of Annex II to Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2020/878.

Data sheet exhibiting area:

Solid Plant GmbH / Am Kielsgraben 8 / D-40789 Monheim am Rhein

hallo@solid-plant.com

Previous version: 1.0 of 01.03.2026. Changes in version 2.0: sections 1.4, 2.2, 2.3, 3, 5, 6, 7, 8, 9, 12 and 16.

Abbreviations and acronyms:

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
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
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)
PBT:	Persistent, Bioaccumulative and Toxic
SVHC:	Substances of Very High Concern
vPvB:	very Persistent and very Bioaccumulative

To the best of our knowledge, the information in this safety data sheet corresponds to our findings at the time of revision. The information is intended to provide you with information on the safe handling of the product specified in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product referred to in this safety data sheet is mixed, mixed or processed with other materials or is subjected to processing, the information in this safety data sheet may not be transferred to the new material manufactured in this way, unless expressly stated otherwise.