

HEMPFLAX NATURE 50 PELLETS

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Product form	Mixture
Product name	HempFlax Nature 50 Pellets
Product group	Trade product

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

1.2.1. Relevant identified uses

Main use category	Professional use
Use of the substance/ mixture	As a raw material for injection molding machines.

Title	Use descriptors
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HempFlax Nature 50 Pellets	SU12, AC13
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Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

HempFlax Group B.V.
Hendrik Westerstraat 20
9665 AL Oude Pekela - The Netherlands
T +31 0 597 615516
info@hempflax.com - www.hempflax.com

1.4. EMERGENCY TELEPHONE NUMBER

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. LABEL ELEMENTS

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. OTHER HAZARDS

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES

Not applicable

3.2. MIXTURES

Name	Product identifier	% w/w (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cellulose substance with national workplace exposure limit(s) (GB)	(CAS-No.) 9004-34-6 (EC-No.) 232-674-9	30 - 50	Not classified

SECTION 4: FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Assure fresh air breathing. Allow the victim to rest. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
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4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

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SECTION 5: FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
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5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous decomposition products in case of fire	Thermal decomposition can lead to the escape of irritating gases and vapours.
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5.3. ADVICE FOR FIREFIGHTERS

Firefighting instructions	Evacuate the danger area. Move undamaged containers from immediate hazard area if it can be done safely. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1. For non-emergency personnel

Emergency procedures	Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Ventilate area.

6.2. ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up	On land, sweep or shovel into suitable containers. Store away from other materials.
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6.4. REFERENCE TO OTHER SECTIONS

See Heading 8. Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Additional hazards when processed	When the material is brought to processing temperature, vapors may form.
Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions	Keep only in the original container in a cool, well-ventilated place. Store in a dry place.
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7.3. SPECIFIC END USE(S)

No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Cellulose (9004-34-6)

United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust) 4 mg/m ³ (respirable dust)
United Kingdom	WEL STEL (mg/m ³)	20 mg/m ³ (inhalable dust) 12 mg/m ³ (calculated-respirable dust)

8.2. EXPOSURE CONTROLS

Appropriate engineering controls:

Provide sufficient air exchange and/or exhaust.

Hand protection:

Cold material: Not required for normal conditions of use. In case of warming: Heat resistant gloves.

Eye protection:

Recommendation: Wear eye glasses with side protection according to EN 166.

Skin and body protection:

Cold material: Not required for normal conditions of use. In case of warming: anti-static clothing in natural material or heat resistant synthetic material. Choose protective clothing according to the type, quantity and concentration of hazardous substances, and the specific workplace.

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Respiratory protection:

Respiratory protection not required in normal conditions. Dust production: dust mask with filter type P1. Standard. EN 143

Other information:

Do not eat, drink or smoke during use. Wash hands before breaks and after work. If on skin, take off contaminated clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Pellets
Colour	No data available
Odour	No data available
Odour threshold	No data available
pH	6,5
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	320 °C
Decomposition temperature	200 °C
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	1,04 kg/l
Solubility	Water: Onoplosbaar
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

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9.2. OTHER INFORMATION

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

No dangerous reactions known under normal conditions of use

10.2. CHEMICAL STABILITY

Stable under normal conditions of use

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use

10.4. CONDITIONS TO AVOID

None under recommended storage and handling conditions (see section 7)

10.5. INCOMPATIBLE MATERIALS

No additional information available

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity (oral)	Not classified
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Acute toxicity (dermal)	Not classified
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Acute toxicity (inhalation)	Not classified
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Cellulose (9004-34-6)

LD50 oral rat	> 5 g/kg
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LC50 inhalation rat (mg/l)	> 5800 mg/m ³ (Exposure time: 4 h)
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Skin corrosion/irritation	Not classified pH: 6,5
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Additional information	Based on available data, the classification criteria are not met
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Serious eye damage/irritation	Not classified pH: 6,5
Additional information	Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	Not classified
Additional information	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Carcinogenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Reproductive toxicity	Not classified
Additional information	Based on available data, the classification criteria are not met
STOT-single exposure	Not classified
Additional information	Based on available data, the classification criteria are not met
STOT-repeated exposure	Not classified
Additional information	Based on available data, the classification criteria are not met
Aspiration hazard	Not classified
Additional information	Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	Not classified

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Acute aquatic toxicity	Not classified
Chronic aquatic toxicity	Not classified

12.2. PERSISTENCE AND DEGRADABILITY

HempFlax Nature 50 Pellets

Persistence and degradability	Not established
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12.3. BIOACCUMULATIVE POTENTIAL

HempFlax Nature 50 Pellets

Bioaccumulative potential	Not established
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12.4. MOBILITY IN SOIL

No additional information available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

No additional information available

12.6. OTHER ADVERSE EFFECTS

Additional information

Additional information

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

Regional legislation (waste)	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	Avoid release to the environment.
European List of Waste (LoW) code	07 02 00 - wastes from the MFSU of plastics, synthetic rubber and man-made fibres

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / IATA / IMDG / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN NUMBER				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN PROPER SHIPPING NAME				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. TRANSPORT HAZARD CLASS(ES)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. PACKING GROUP				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. ENVIRONMENTAL HAZARDS				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

No supplementary information available

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14.6. SPECIAL PRECAUTIONS FOR USER

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Geen chemische veiligheidsbeoordeling is uitgevoerd

15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out

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SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative

Data sources	ECHA (European Chemicals Agency). Manufacturer/Supplier.
Other information	DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of use descriptors

AC13	Plastic articles
SU12	Manufacture of plastics products, including compounding and conversion

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.