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УТВЕРЖДАЮ
Генеральный директор
АО «Экоойл»


« 11 »  С. В. Максимов
2022г.



MSDS

ПАСПОРТ БЕЗОПАСНОСТИ
ЖМЫХ ПОДСОЛНЕЧНЫЙ

Экземпляр № 1

АО «Экоойл»
Маслозавод

MSDS Sunflower cake

SAFETY DATA SHEET

version 1
06.04.2022

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance	Sunflower cake
Article number	
Registration number (REACH)	This information is not available
EC number	missing
CAS number	missing
Relevant identified uses of the substance or mixture and uses advised against	
Installed applications:	food and industrial applications
Details of the supplier of the safety data sheet	
Joint Stock Company "ECOOIL"	
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) № 1272/2008 (CLP)

missing

Remarks

Full text of Hazard - Hazard and EU statements: see section 16.

2.2 Label elements

Labeling in accordance with Regulation (EC) № 1272/2008 (CLP)

Signal word Missing

Hazard

missing

Precautionary measures

Precautionary measures - reaction

missing

Packet marking where the content is not more than 125 ml

Signal word: Missing

2.3 Other hazards

No further information

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Sunflower seeds	100 %
Number EC	missing
Number CAS	missing

4. MEASURES FOR FIRST AID**4.1 Description of first aid measures****General remarks**

Remove contaminated clothing.

After inhalation

Fresh air, rest, heat.

Upon contact with skin

Wash off with running water and soap.

Eye Contact

Rinse under running water at a wide open gap in the eye for 15 minutes.

If swallowed,

Drinking plenty of water

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects known to date

4.3 Indication of immediate medical attention and special treatment

Missing

5. MEASURES AND FIRE-FIGHTING**5.1 Extinguishing media**

Suitable extinguishing means

Atomized water, chemical or air-mechanical foam, sand, all kinds of fire extinguishers

Unsuitable extinguishing media

There are no

5.2 Special hazards arising from the substance or mixture

Products are combustible

Hazardous combustion products

In case of fire: carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

Fight fire from a distance, observing the usual precautions. Wear self-contained breathing apparatus.

6. MEASURES FOR THE PREVENTION AND ELIMINATION OF ACCIDENTAL AND THEIR CONSEQUENCES**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

The wearing of suitable protective equipment (including personal protective equipment specified in Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

Do not breathe dust. Avoid contact with skin, eyes and clothing

6.2 Environmental precautions

Keep away from the sewage system, surface water and groundwater.

6.3 Methods and materials for cleaning**Advice on how to prevent leakage**

Covering sewerage

Tips on how to clean up the leak

Remove mechanically.

Other information relating to spills and releases

Put into suitable containers for disposal.

Reference to other sections

Hazardous products of combustion: see section 5. Personal protective equipment: see section 8.

Incompatible materials: see section 10. Disposal: see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Special precautions are not necessary.

industrial hygiene advice

Before breaks and after work wash your hands. Keep away from food, drink and animal feed.

7.2 Conditions for safe storage, including any incompatibilities

Stored in a dry place.

Incompatible substance or mixture

Follow the instructions for the combined storage

Consideration of other tips**Ventilation requirements**

Use local and general ventilation.

Specific projects for storage rooms or vessels

Recommended storage temperature: 5 – 35 °C

7.3 Specific (s) is finite (s) use (s) of

No further information.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****National limits****Restrictions for occupational exposure (Occupational Exposure Limits)**

no data

8.2 Means of exposure control**PPE (personal protective equipment)****Eye / face protection**

Use safety glasses with side shields.

Skin protection**• hand protection**

Suitable protective gloves. Suitable chemical protective gloves, which are tested in accordance with EN 374. advisable to check the chemical resistance of the gloves for specific applications, as well as a supplier of the gloves.

• material type

NBR (Nitrile rubber)

• material thickness

> 0,11 mm.

- **Breakthrough time of glove material**

> 480 minutes (permeability: Level 6)

- **other protection measures**

Accept recovery periods for skin regeneration. Preventive skin protection (protective creams / ointments)

Controlling the environmental impact

Keep away from the sewage system, surface water and groundwater.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties****Appearance**

State of aggregation	shell or crushed from gray in various shades to brown in various shades of color
Smell	peculiar to sunflower cake, without foreign smell
Odor threshold	no data available

Other physical and chemical parameters

pH (value)	no data available
Density at 20 ° C	no data available
Melting point / freezing	no data available
Initial boiling point and boiling range	no data available
Flash point closed cup	no data available
Evaporation rate	no data available
Flammability (solid gas)	no data available

explosive limits

- lower explosion limit (LEL) this information is not available
- upper explosion limit (UEL) this information is not available

Explosive limits of dust clouds

gas pressure	this information is not available
Vapor density	this information is not available
Bulk density	this information is not available
Relative density	this information is not available

Solubility (u)

Solubility in water	this information is not available
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distribution factor

n-octanol / water (log KOW)

this information is not available

Ignition point

this information is not available

Autoignition Temperature.

this information is not available

Decomposition temperature

this information is not available

Viscosity

this information is not available

Risk of explosion

this information is not available

Oxidising properties

this information is not available

9.2 Other information

No further information

10. STABILITY AND REACTIVITY**10.1 Reactivity**

This material does not react under normal ambient conditions.

10.2 Chemical stability

The material is resistant to normal environmental conditions and under the anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

There are no known hazardous reactions

10.4 Situations to Avoid

No additional information.

10.5 Incompatible materials

No additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

missing

Skin corrosion / irritation

Not classified as corrosive / irritant to the skin.

Serious eye damage / irritation

Not classified as serious povrezhditel eye or eye irritant.

Respiratory or skin sensitization

Not classified as a respiratory irritant or allergen skin.

Summary CMR evaluation of properties

It is not classified as a mutagen germ cells, or carcinogen toxin for reproduction

• Specific target organ toxicity individual target organs**single exposure**

Not classified as a specific target organ toxicant (single exposure).

Symptoms associated with physical, chemical and toxicological characteristics**• If swallowed,**

no data

• Eye Contact

annoying but unclassifiable

• After inhalation

no data

• After contact with skin

no data

Other information

Missing

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

acc. with 1272/2008 / EC: Not classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

Missing

12.2 The decomposition process

Methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

No data.

12.4 Mobility in soil

No data.

12.5 Results of PBT and vPvB

No data.

12.6 Other side effects

No data.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

The material and its container must be disposed of as hazardous waste. Dispose of contents / container in accordance with local / regional / national / international regulations.

Disposal of wastewater - current information

The sewers are not drained.

13.2 The relevant provisions relating to waste

Assignment of the code numbers / waste marking carried out in accordance with Directive on the list of hazardous materials in accordance with the industry and process.

13.3 Notes

Waste must be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the respective national or regional regulations.

14. TRANSPORT INFORMATION

14.1 UN number	(Not subject to transport regulations)
14.2 UN proper shipping name	it does not matter
14.3 Class (es) during transport	it does not matter
class	-
14.4 Packing group	it does not matter
14.5 Environmental hazards	offline (not dangerous for the environment acc. to technical regulations)

14.6 Special precautions for user

No additional information.

14.7 Transportation of containers in accordance with Annex II of MARPOL 73/78 and IBC Code

Cargo for carriage in bulk.

14.8 Information on each of the UN Model Regulations**• Transport of dangerous goods by road, rail and inland waterway (ADR / RID / ADN)**

Not subject to ADR, RID and ADN.

• International Maritime Dangerous Goods (IMDG)

It is not subject to the IMDG Code.

• International Air Transport Association (ICAO-IATA / DGR)

It is not subject to ICAO-IATA.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental laws / regulations specific for the substance or mixture****The relevant provisions of the European Union (EU)**

- **Regulation 649/2012 / EC on the export and import of hazardous chemicals (PIC)**

not listed

- **Regulation 1005/2009 / EC on substances that deplete the ozone layer (ODS)**

not listed

- **Regulation 850/2004 / EC on persistent organic pollutants (POPs)**

not listed

- **Restrictions under REACH, Annex XVII**

not listed

- **List of substances subject to authorization (REACH, Appendix XIV)**

not listed

- **Directive 2011/65 / EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II**

not listed

- **Regulation 166/2006 / EC establishing the European Pollutant Release and Transfer Registers (PRTR)**

not listed

- **Directive 2000/60 / EC establishing a framework for Community action in the field of water policy (WFD)**

not listed

National regulations

The substance is included in the following national regulations:

- EINECS / ELINCS (Europe)

15.2 Chemical Safety Assessment

None of the chemical safety assessment was not carried out for this substance.

16. OTHER INFORMATION

Abbr.	Descriptions of the abbreviations used
CAS	Chemical Abstracts Service (a service that supports the most comprehensive list of chemicals)

CLP	Regulation (EC) № 1272/2008 on the classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, mutagenic or toxic to the reproductive system
DGR	Carriage of Dangerous Goods Regulations (see IATA / DGR)
DMEL	The resulting minimal effect level
DNEL	The resulting minimal effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European Inventory of identified chemicals
IATA	International Air Transport Association
IATA / DGR	Regulations transport of dangerous goods (DGR) for Air Transport (IATA)
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. Of "Marine Pollutant)
NLP	Longer polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Target concentration without affecting
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
vPvB	Very persistent and very bioaccumulative
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
ICAO	International civil aviation organization
IMDG	The international code for the transport of dangerous goods by sea
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations of the International Carriage of Dangerous Goods by Rail)
GHS	The Globally Harmonized System of Classification and Labeling of Chemicals "developed by the United Nations

Key literature references and sources of data

- Regulation (EC) № 1907/2006 (REACH), as amended by 453/2010 / EC
- Regulation (EC) № 1272/2008 (CLP, EU GHS)

List of relevant R-phrases (full text of the Code and, as mentioned in chapter 2 and 3)

missing

Renunciation

The data in this safety data sheet correspond to the level of information, which we had on the date of its printing. Information should serve you a starting point for the safe handling of the product named in this safety data sheet during storage, handling, transportation and disposal. These do not apply to other products. Since the product is processed or blended with other materials, the data from this intolerable MSDS ready for new materials.

