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УТВЕРЖДАЮ
Генеральный директор
АО «Экоойл»


« 11 » мая 2022 г. С. В. Максимов



MSDS

ПАСПОРТ БЕЗОПАСНОСТИ

МАСЛО ПОДСОЛНЕЧНОЕ НЕРАФИНИРОВАННОЕ

Экземпляр № 1

АО «Экоойл»
Маслозавод

MSDS Sunflower oil, unrefined

MATERIAL SAFETY DATA SHEET

version 1
06.04.2022

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
Identification of the substance	Sunflower oil, unrefined
Article number	
Registration number (REACH)	Is not mandated under REACH Regulation N1907/2006
EC number	None
CAS number	8001-21-6
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" Mailing address: 392521, Russian Federation, Tambov region, Tambov district, s. Bolshaya Lipovitsa, st. Sovetskaya, d.77 "a" Legal address: 392521, Russian Federation, Tambov region, Tambov district, s. Bolshaya Lipovitsa, st. Sovetskaya, d.77 "a"	
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Web site:	www.ecooil-group.ru
Emergency numbers	8 (4752) 62-43-00
Emergency Information Service	8 (4752) 62-43-00
2. HAZARDS IDENTIFICATION	
2.1 Classification of the substance or mixture This product does not meet the criteria for classification in any hazard class according to Regulation (EC) № 1272/2008 on classification, labelling and packaging of substances	
Remarks Full text of Hazard - Hazard and EU statements: see section 16.	
2.2 Label elements	
Signal word	None
Hazard statements classification	HC Not Classified
2.3 Other hazards Not available	

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Sunflower Oil	100 %
Number EC	missing
Number CAS	8001-21-6

4. FIRST AID MEASURES

4.1 Description of first aid measures



General information

No specific recommendations

Inhalation

Move to Fresh air. Get medical attention if any discomfort continues

Skin contact

Wash skin with soap and water.

Eye Contact

Rinse under running water at a wide open gap in the eye for 15 minutes. Get medical attention if any discomfort continues

Ingestion

No hazard, Food grade oil

4.2 Most important symptoms and effects, both acute and delayed

No known Symptoms and Effects

4.3 Indication of immediate medical attention and special treatment

No specific recommendations

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Foam, carbon dioxide or dry powder

Unsuitable extinguishing media

Water

5.2 Special hazards arising from the substance or mixture

May be combustible at high temperature

Hazardous combustion products

Carbon Monoxide, Carbon Dioxide

5.3 Advice for firefighters

Containers close to fire should be removed or cooled with water.

Wear self-contained breathing apparatus and full protective gear

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear suitable protective equipment, including gloves, goggles/face shield (specified in Section 8 of the safety data sheet),respirator, boots to prevent any contamination of skin, eyes and personal clothing. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. In case of spills, beware of slippery floors and surfaces.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3 Methods and materials for cleaning

Contain and absorb spillage with sand, earth or another non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers and remove from the area. Clean contaminated surface.

In case of large spill, dike if needed. Dike far ahead of liquid spill for later 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

Wash hands before breaks and at the end of work.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place away from sources of ignition and open flame.

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: 15 - 25 ° C.

7.3 Specific end use (s)

No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National limits

Restrictions for occupational exposure (Occupational Exposure Limits)

None

8.2 Means of exposure control

PPE (personal protective equipment)

Eye / face protection



Goggles or safety glasses with side-shields.

Skin and body protection



• hand protection

Protective gloves.

Long sleeved clothing

• Respiratory protection

No specific recommendations.

• Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practice should be observed

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Physical state

liquid transparent without sediment

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Odour	without smell
Odor threshold	not applicable
Other physical and chemical parameters	
pH (value)	not applicable
Relative density at 20 ° C	not installed
Melting point / freezing	not installed
Initial boiling point and boiling range	not installed
Flash point closed cup	not installed
Evaporation rate	not applicable
Flammability (solid gas)	not applicable
<u>explosive limits</u>	
• lower explosion limit (LEL)	not installed
• upper explosion limit (UEL)	not installed
Explosive limits of dust clouds	not installed
Vapor pressure	not installed
Vapor density	not applicable
Bulk density	not installed
Relative density	not applicable
<u>Solubility (u)</u>	
Solubility in water	insoluble
<u>distribution factor</u>	
n-octanol / water (log KOW)	not installed
Ignition point	not applicable
Autoignition Temperature.	not applicable
Decomposition temperature	not applicable
Viscosity	not applicable
Risk of explosion	not applicable
Oxidising properties	not an oxidizing agent

9.2 Other information

No information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No information available

10.2 Chemical stability

The material is stable at normal ambient temperatures and under recommended storage conditions

10.3 Possibility of hazardous reactions

Hazardous reaction does not occur

10.4 Conditions to Avoid

Avoid heat, flames and other sources of ignition

10.5 Incompatible materials

Strong oxidizing agent

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute and chronic health hazard

No specific health hazards known

Skin Contact

No specific health hazards known

Eye Contact

May cause eye irritation.

Inhalation

No specific health hazards known

Ingestion

It is not classified as a mutagen germ cells, or carcinogen toxin for reproduction. No harmful effects expected from quantities likely to be ingested by accident

Chronic Toxicity

No specific health hazards known

Sensitization

No specific health hazards known

Mutagenic Effects

No specific health hazards known

Carcinogenic effects

Not considered carcinogenic

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

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

Aquatic toxicity (acute)

No negative effects on the aquatic environment are known

12.2 Persistence and degradability

The product is expected to be biodegradable

12.3 Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating

12.4 Mobility in soil

The product is insoluble in water

12.5 Results of PBT and vPvB assessment

The product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects

No information available

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

Where possible, waste generation should be avoided or minimized. Significant amounts of the remaining waste cannot be disposed of by dumping into the sewer; they should be treated with special equipment for wastewater treatment. Dispose of surplus products or non-recyclable products from a licensed waste collection contractor. Always dispose of this product, solutions and any by-products in accordance with environmental protection requirements and waste disposal legislation, as well as with local authorities. The remaining packaging is recyclable. Landfill burning or landfill can only be used if recycling is not feasible.

This material and its container must be disposed of in a safe manner. When handling empty containers that have not been cleaned or washed, care must be taken. Empty containers and liners may contain product residues. Avoid dispersal of spilled material, as well as its entry into soil, water supply, drainage and sewage systems.

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 | No information available |
| 14.3 Class (es) during transport class | No information available - |
| 14.4 Packing group | No information available |
| 14.5 Environmental hazards | not hazard 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) | |
| Not subject to the IMDG Code. | |
| • International Air Transport Association (ICAO-IATA / DGR) | |
| 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

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- **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 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)
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

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	(IATA)
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. Of "Marine Pollutant)
PBT	Persistent, Bioaccumulative and Toxic
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)	
none	

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.