

Safety Data Sheet for not dangerous mixtures according to 878/2020 EU Regulation

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier Linseed oil refined

Type of substance: CLP Substance

Cas-No.: 8001-26-1

EC-No.: 232-278-6

Registration number: Exempt from Reach registration (Annex V)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Paint auxiliary material

1.3. Details of the supplier of the safety data sheet

Pentacolor Kft.

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tel.: +36-1-260-7477

fax: +36-1-262-1345

e-mail: info@pentacolor.hu

For product safety information please contact: info@pentacolor.hu

1.4. Emergency telephone number

https://echa.europa.eu/documents/10162/23019181/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

This product is not classified to (EC) No 1272/2008

2.2. Label elements

Linseed oil refined

This product is not classified according to (EC) Regulation No 1272/2008.

Not required to sign up.

2.3. Other hazards

The product is not a PBT, vPvB, endocrine disruptor, substance on the candidate list and does not contain nanoforms.

SECTION 3: Composition/information on ingredients

3.1. Substances

The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Substance(s) Linseed oil refined

concentration: 100%

EC-No.: : 232-278-6

CAS-No.: 8001-26-1

Classification according to Regulation (EC) No 1272/2008 : --

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

General:

If you feel unwell, seek medical advice. Never give anything by mouth to an unconscious person.

Inhalation:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin contact:

Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact:

Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.

Ingestion:

Rinse mouth out with water. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	:	None under normal use.
Symptoms/effects after skin contact	:	None under normal conditions.
Symptoms/effects after eye contact	:	May cause eye irritation.
Symptoms/effects after ingestion	:	None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide. Foam. Sand. Dry powder.

Not to be used : Water

5.2. Special hazards arising from the substance or mixture

Could burn but do not ignite readily. Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Eliminate all ignition sources if safe to do so.

Do not enter the fire area without proper protective equipment, including respiratory protection.

Use a closed-system, air-independent breathing apparatus. Let's remove everything ignition source if it is safe to do so. Self-ignition of contaminated clothes or rags is possible due to autoxidation. Do not allow water to enter the dishes, as a violent reaction may occur. Avoid the fire-fighting water entering the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Evacuate unnecessary personnel. Do not get in eyes, on skin, or on clothing. Do not touch or walk on the spilled product. Do not breathe vapours. No flames, no sparks. Eliminate all sources of ignition.

6.2. Environmental precautions

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

Do not touch or walk on the spilled product. Cover spill with non combustible material, e.g.: sand, earth, vermiculite. Shovel or sweep up and put in a closed container for disposal.

Caution: if absorbed in special oil absorbers, sawdust or clothes, keep in fire-safe place as self-ignition may occur. Store outdoors in a closed metal container.

6.4. Reference to other sections

Use personal protective equipment recommended in section 8.

For disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Not expected to present a significant hazard under anticipated conditions of normal use.

Avoid any leak and work in fully closed specially engineered systems.

Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, well-ventilated place away from heat.

Store in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

7.3. Specific end uses

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Appropriate engineering controls

Provide local exhaust or general room ventilation.

Personal protective equipment

Eye/face protection

Use safety goggles are recommended.

Skin protection

Wear protective gloves .

Body Protection

Wear suitable protective clothing

Respiratory protection

No respiratory protection needed under normal use conditions.

Environmental exposure controls

Avoid release to the environment

Consumer exposure controls:

The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- (a) Physical state liquid
- (b) Colour yellow
- (c) Odour characteristic
- (d) Melting point/freezing point < 0 °C
- (e) Boiling point or initial boiling point and boiling range > 250 °C
- (f) Flammability Combustible but not easily flammable liquid. Combustible at high temperatures.
- (g) Lower and upper explosion limit Not applicable (non-flammable/non-explosive liquid).
- (h) Flash point > 250 °C Pensky-Martens
- (i) Auto-ignition temperature > 250 °C.
- (j) Decomposition temperature > 250 °C.
- (k) pH Not applicable (not water soluble).
- (l) Kinematic viscosity cc. 35 mm²/s (40 °C).
- (m) Solubility Not water soluble (≤ 1 mg/l).
- (n) Partition coefficient n-octanol/water (log value) Not available
- (o) Vapour pressure < 1 mbar (20 °C).
- (p) Density and/or relative density 0,92 g/ml (20 °C).
- (q) Relative vapour density not determined
- (r) Particle characteristics Not applicable for fluid. It does not contain nanoparticles.

9.2. Other information

Non-explosive, non-oxidizing.

Viscosity, dynamic : cc. 50 mPa·s 20°C

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Avoid contact with hot surfaces. Avoid formation of vapours.

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

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 hazard classes as defined in Regulation (EC) No 1272/2008**

- .
- (a) acute toxicity: Not classified. Based on available data, the classification criteria are not met
 - (b) skin corrosion/irritation: Not classified. Based on available data, the classification criteria are not met
 - (c) serious eye damage/irritation: Not classified. Based on available data, the classification criteria are not met
 - (d) respiratory or skin sensitisation: Not classified. Based on available data, the classification criteria are not met
 - (e) germ cell mutagenicity: Not classified. Based on available data, the classification criteria are not met
 - (f) carcinogenicity: Not classified. Based on available data, the classification criteria are not met
 - (g) reproductive toxicity: Not classified. Based on available data, the classification criteria are not met
 - (h) STOT-single exposure: Not classified. Based on available data, the classification criteria are not met
 - (i) STOT-repeated exposure: Not classified. Based on available data, the classification criteria are not met
 - (j) aspiration hazard: Not classified. Based on available data, the classification criteria are not met
- Viscosity, kinematic : cc. 35 mm²/s 40°C

11.2. Information on other hazards

The substance does not have an endocrine-damaging effect on health.

SECTION 12: Ecological information**12.1. Toxicity**

Hazardous to the aquatic environment, short-term (acute)

Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic)

Not classified (Lack of data)

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

Not established.

12.4. Mobility in soil

No additional information available .

12.5. Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

The substance does not have an endocrine-damaging effect on health.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal must be done according to official regulations.

Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Transportation for non-hazardous goods

14.1. UN number or ID number Not applicable.

14.2. UN proper shipping name Not applicable.

14.3. Transport hazard class(es) Not applicable.

14.4. Packing group Not applicable.

14.5. Environmental hazards No

14.6. Special precautions for user Observe the applicable safety data sheet.

14.7. Maritime transport in bulk according to IMO instruments Not applicable.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Germany: Water hazard class (WGK)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Notification status: The substance is included in the following lists - AICIS, DIW, DSL, EINECS, ENCS, IECSC, INSQ, KECI, NZIoC, PICCS, TCSI, TSCA.

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out./ not required.

SECTION 16: Other information

Abbreviations:

HU	Hungary / Magyarország
EEA / EGT	The European Economic Area
EEC / EGK	European Economic Community
EC / EK	European Community
EU	European Union / Európai Unió
CAS	Chemical Abstracts Service
ECHA	The European Chemicals Agency
UN / ENSZ	United Nations
REACH	Registration, Evaluation, Authorisation and restriction of Chemicals
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
ADR	Accord relatif au transport international des marchandises Dangereuses par Route
RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer
ADN	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
IMDG	International Maritime Code for Dangerous Goods
IMO	International Maritime Organization
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration

bw kg / ttkg	body weight in kilograms
EN	European Norm / European Standard
MSZ EN	European standard localized in Hungary / the European standard appropriate Hungarian standard
OECD	Organisation for Economic Co-operation and Development
EPA	The Environmental Protection Agency
EC ₅₀	Effective concentration 50 %
EC...	Effective concentration ... %
EbC ₅₀	EC ₅₀ value measured on algal biomass
ErC ₅₀	The concentration at which a 50 % inhibition of growth rate is observed
LC ₅₀	Lethal Concentration 50 %
LD ₅₀	Lethal dose 50 percent
LOAEL	Lowest observable adverse effect level
LOEC	Lowest Observed Effect Concentration
NOAEC	No observable adverse effect concentration
NOAEL	No observable adverse effect level
NO NOEC	No Observed-effect concentration
HPLC	High Performance Liquid Chromatography
RAC	The Committee for Risk Assessment
BCF / BKF	Bioconcentration factor
log K _{OW} / log Pov	Logarithm of the partition octanol-water.
K _{OC}	Partition coefficient of organic carbon
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
POP	Persistent Organic Pollutant
EPC / EPT	The European Parliament and the Council

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue , and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.