

ECOREX Material Safety Data Sheet (SDS)

Physical and chemical properties

Product name	Vegetable oil (canola oil)
Odor	Little
Color	Yellow transparent
Physical Condition and Appearance	Liquid
UN No. N/A	Manufacturer Confirmed
Molecular weight	280
Component	Oleic acid, Linoleic acid, Linolenic acid
Chemical classification	Fatty acid
pH	Not measurable due to fats and oils
Boiling/Condensation Point Range	380 ~ 420°C
Melting/Freezing Point Range	-25°C ~ -10°C
Flash point	320°C
Specific gravity	0.9 g / c m ³
Steam pressure	52mmHg (37°C)
Vapor density	1.03 (vs air)
Odor limit	no data
Steam velocity	No data
Distribution coefficient	7.73(n-octanol/water)
Solubility	Virtually insoluble in water

Stability and Reaction

Stability and reaction	Stable with normal handling
Instability conditions	Direct sunlight or high temperatures (container may expand if exposed to temperatures above 50°C)
Incompatibility	Insoluble
Hazardous decomposition products	nil
Hazardous polymerization	nil

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Toxicological Information

Chemical Toxicity Data Number	nil
Toxic	nil
Chronic effects on the human body	nil
Acute effects on the human body	nil
Special note on other toxic effects on the human body	nil
Cumulative toxicity	nil
Irritative	nil
Hypersensitivity	nil
Carcinogenic effect	nil
Effects on the reproductive system	nil
Teratogenic effect	nil
Mutagenic effect	nil

Ecological Information

Toxicity (of a living body)	nil
BOD5 and COD	BOD 1g/g, COD0.5g/g
Biodegradable	Biodegradation

BOD5 : 5-day biochemical oxygen demand

COD : Chemical oxygen demand

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Emergency measures

If adhered to skin	It is not harmful, but should be washed off with water and soap.
If it gets in your eyes	It is harmless, but should be rinsed with lukewarm water to avoid damaging the eyeball.
If swallowed	No harm done. It is naturally digested. However, if you feel unwell, take the product to a doctor immediately.

Measures to be taken in case of fire

Flammable at temperatures above 320°C. In this case, use a fire extinguisher to extinguish the fire. If a fire extinguisher is not available nearby, wet a large towel (preferably a bath towel) with water, wring it out tightly, and cover the fire completely.

There is no danger of harm.

Measures to be taken in case of leakage

Not hazardous. To prevent pedestrians from slipping, wipe clean with something like kitchen paper. Wiped-off kitchen paper should be disposed of as food scraps.

Handling and storage precautions

Do not hold or store the product horizontally or at an angle. Store in a cool, dark place away from fire and direct sunlight. In rare cases, if the container is left unopened for a long period of time at a high temperature, the enzymes in the ingredients may cause the container to ferment and expand. When the container expands, please open the lid to vent the gas. After venting, it is safe to close the lid.

Disposal Precautions

Containers and lids should be rinsed lightly with water and disposed of as recyclable waste. If they cannot be washed, dispose of them as burnable trash.

Transport Precautions

Place the product so that it is not on its side or at an angle. Also, avoid fire and direct sunlight.

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