

Material Safety Data Sheet of the ECOREX

Physical and Chemical Properties

Odor	Slight
Color	Yellow and Transparent
Physical State and Appearance	Liquid
Synonyms	Vegetable oil
Molecular Weight	280
Molecular Formula	C18H34O2、C18H32O2、C18H30O2
Chemical family	Fatty acid
pH Value	Unmeasurable
Boiling/Condensation point range	380~420°C
Melting/Freezing point range	-25°C~-10°C
Flashpoint	320°C
Specific Gravity	0.9 g / c m ³
Vapor Pressure	52mmHg (37°C)
Vapor Density	1.03 (vs air)
Odor threshold	No data
Evaporation Rate	No data
Log Kow of Partition Coefficient	7.73 (n-octanol/water)
Solubility	Not soluble in water

Stability and Reactivity

Stability and Reactivity	Stable in the normal handling
Conditions of Instability	Direct sunlight and High temperature (50 degrees or more)
Incompatibility	Water-insoluble
Hazardous Decomposition Products	No
Hazardous Polymerization	No

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Toxicological information

RTECS number	No
Toxicity	No
Chronic effects on humans	No
Acute effects on humans	No
Special remarks on other toxic effects on humans	No
Synergetic products(toxicologically)	No
Irritancy	No
Sensitization	No
Carcinogenic effects	No
Toxicity to reproductive system	No
Teratogenic effects	No
Mutagenic effects	No

Ecological information

Ecotoxicity	No
BOD5 and COD	BOD 1g/g, COD0.5g/g
Toxicity of the products of biodegradation	Microbial degradation

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