

SAFETY DATA SHEET



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

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

1.1. Product identifier

Product name:

Rape methyl ester, distilled

Product form

Substance (UVCB)

Substance name

Fatty acids, rape-oil, Me esters

REACH-registration No

01-2119471664-32

Identification numbers

CAS

85586-25-0

EG

287-828-8

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

Relevant identified uses

Main use category

Industrial use.

Titel	Life cycle stage	Use descriptors
General overview of Industrial uses of EBB REACH consortium related substances	Industrial	SU1, SU2a, SU2b, SU3, SU5, SU6a, SU6b, SU7, SU8, SU9, SU10, SU11, SU12, SU13, SU14, SU15, SU16, SU17, SU18, PC1, PC2, PC3, PC4, PC7, PC8, PC9a, PC9b, PC9c, PC11, PC12, PC14, PC15, PC16, PC17, PC18, PC19, PC20, PC21, PC23, PC24, PC25, PC26, PC27, PC28, PC29, PC30, PC31, PC32, PC33, PC34, PC35, PC36, PC39, PROC2, PROC3, PROC4, PROC5, PROC6, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC11, PROC12, PROC13, PROC14, PROC15, PROC17, PROC18, PROC19, PROC20, PROC21, PROC22, PROC23, PROC24, PROC25, ERC1, ERC2, ERC3, ERC4, ERC5, ERC6a, ERC6b, ERC6c, ERC6d, ERC7, ERC8a, ERC8b, ERC8c, ERC8d, ERC8e, ERC8f, ERC9a, ERC9b, ERC10a, ERC10b, ERC11a, ERC11b
General overview of Professional uses of EBB REACH consortium related substances	Commercial	SU22, PC13, PC27, PROC8a, PROC8b, PROC9, PROC11, ERC8a, ERC8d, ERC9b
General overview of Consumer uses of EBB REACH consortium related substances	Consumer	SU21, PC13, PC27, ERC8a, ERC8d, ERC9b
General overview of Manufacturing uses of EBB REACH consortium related substances		SU3, PROC2, PROC3, PROC4, PROC5, PROC6, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC11, PROC12, PROC13, PROC14, PROC15, PROC17, PROC18, PROC19, PROC20, PROC21, PROC22, PROC23, PROC24, PROC25, ERC1, ERC2, ERC3, ERC4, ERC5, ERC6a, ERC6b, ERC6c, ERC6d, ERC7, ERC8a, ERC8b, ERC8c, ERC8d, ERC8e, ERC8f, ERC9a, ERC9b, ERC10a, ERC10b, ERC11a, ERC11b

Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

General overview of Formulation uses of EBB REACH consortium related substances		SU3, PC1, PC2, PC3, PC4, PC7, PC8, PC9a, PC9b, PC9c, PC11, PC12, PC13, PC14, PC15, PC16, PC17, PC18, PC19, PC20, PC21, PC23, PC24, PC25, PC26, PC27, PC28, PC29, PC30, PC31, PC32, PC33, PC34, PC35, PC36, PC39, PROC2, PROC3, PROC4, PROC5, PROC6, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC11, PROC12, PROC13, PROC14, PROC15, PROC17, PROC18, PROC19, PROC20, PROC21, PROC22, PROC23, PROC24, PROC25, ERC1, ERC2, ERC3, ERC4, ERC5, ERC6a, ERC6b, ERC6c, ERC6d, ERC7, ERC8a, ERC8b, ERC8c, ERC8d, ERC8e, ERC8f, ERC9a, ERC9b, ERC10a, ERC10b, ERC11a, ERC11b
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Full text of use descriptors: see section 16

Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet**Supplier**

SysKem Chemie GmbH
Rosenthalstrasse 22
D-42369 Wuppertal

Telephone +49 (0) 202-317559-0
E-mail info@syskem.de

1.4. Emergency telephone number

Vergiftungs-Informationen-Zentrale Freiburg, Tel. +49 761 19240.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Not classified.

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

2.3. Other hazards**Other hazards which do not result in classification**

None under normal conditions.

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

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

SECTION 3: Composition/information on ingredients**3.1. Product type**

Substance type UVCB

Name	Identification numbers	%
Fatty acids, rape-oil, Me esters	(CAS-No) 85586-25-0 (EG No) 287-828-8 (REACH-No) 01-2119471664-32	100

3.2 Mixture

Not applicable.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice.

Inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

Skin contact:

Wash off immediately with soap and plenty of water. If irritation persists, consult a doctor.

Eye contact:

Rinse immediately with plenty of water. Consult an ophthalmologist if irritation persists.

Ingestion:

Rinse mouth out with water. Get medical advice/attention if you feel unwell.

Call a poison center (www.who.int/ipcs/poisons/centre/directory/en).**4.2. Most important symptoms and effects, both acute and delayed****Symptoms/effects**

No supplementary information available.

4.3. Indication of any immediate medical attention and special treatment needed

No supplementary information available.



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

AFFF foam. BC-powder. Carbon dioxide. Dry sand. Dry chemical powder.
Use the extinguishing media recommended for the burning materials and fire situation.

Unsuitable extinguishing media:

Solid water jet ineffective as extinguishing medium.

5.2. Special hazards arising from the substance or mixture

Fire hazard

DIRECT FIRE HAZARD. Combustible.
INDIRECT FIRE HAZARD. Heating increases the fire hazard.
Temperature above flashpoint: higher fire/explosion hazard.

Explosion hazard

No supplementary information available.

Reactivity

On burning: release of carbon monoxide/carbon dioxide.

5.3. Advice for firefighters

No supplementary information available.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Mark the danger area.
Exposure to fire/heat: have neighbourhood close doors and windows.
Exposure to fire/heat: consider evacuation.
Wash contaminated clothing before reuse.

For non-emergency personnel

Protective equipment: See "Material-Handling" to select protective clothing.

For emergency responders

Protective equipment: Use protective measures listed in Section 8.

6.2. Environmental precautions

Prevent soil and water pollution.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up

Clean contaminated surfaces with an excess of water and soap solution. Take up liquid spill into inert absorbent material, e.g.: dry sand/earth/vermiculite or powdered limestone.

Other information

No supplementary information available.

6.4. Reference to other sections

Handle waste materials in accordance with the provisions of Section 13.



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling temperature:

≥ 10 °C above melting point.

7.2. Conditions for safe storage, including any incompatibilities

Information on mixed storage

KEEP AWAY FROM: Acids. strong acids. bases. strong bases.

Storage area

Keep container in a well-ventilated place.

Store at ambient temperature.

Keep out of direct sunlight.

Meet the legal requirements.

Special rules on packaging

Suitably labelled.

Meet the legal requirements.

Packaging materials

No supplementary information available.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

No additional information available

Recommended monitoring procedures

No additional information available

Air contaminants formed

No additional information available

DNEL and PNEC

No additional information available

Control banding

No additional information available

8.2. Exposure controls

Appropriate engineering controls

No additional information available

Personal protection equipment

Gloves. Protective clothing. Safety glasses.

Eye and face protection

No additional information available



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

Skin protection**Other skin protection****Materials for protective clothing:**

Good resistance: Nitrile rubber

Respiratory protection

No additional information available

Thermal hazards

No additional information available

Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: Yellow-amber.
Appearance (room temperature)	: Liquid.
Odour	: Characteristic. Mild odor.
Odour threshold	: Not available
Melting point	: ca. -10 °C
Freezing point	: ca. -8 °C
Boiling point	: > 150 °C
HMS Flammability	: Not available
Explosive properties	: Predicted negative.
Oxidising properties	: Predicted negative.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: ca. 180 °C (ASTM D92)
Auto-ignition temperature	: > 250 °C
Decomposition temperature	: > Flash point
pH	: 5 – 8
Viscosity, kinematic	: ca. 4.2 mm ² /s (40°C)
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: 5.02 (OECD117)
Vapour pressure	: No supplementary information available
Vapour pressure at 50 °C	: Not available
Density	: ca. 878.9 kg/m ³ (20°C) ca. 866.6 kg/m ³ (40°C) ca. 829.7 kg/m ³ (100°C)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information**Information with regard to physical hazard classes**

No additional information available

Other safety characteristics

VOC content : < 3 %
(1999/13/EC; 2004/42/EC; 2010/75/EU; SR 814.018)

Other properties : Soluble in oils/fats
Soluble in most organic solvents
Poorly soluble in water



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

SECTION 10: Stability and reactivity

10.1. Reactivity

On burning: release of carbon monoxide/carbon dioxide.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available.

10.4. Conditions to avoid

No supplementary information available.

10.5. Incompatible materials

No supplementary information available.

10.6. Hazardous decomposition products

No supplementary information available.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute Toxicity (Oral) Not classified

Acute toxicity (Dermal) Not classified

Acute toxicity (by inhalation) Not classified

Rape methyl ester, distilled (85586-25-0)

LD50 oral rat > 2000 mg/kg

Skin corrosion/irritation

Not classified.

pH: 5 – 8

Serious eye damage/irritation

Not classified.

pH: 5 – 8

Respiratory or skin sensitisation

Not classified.

Germ cell mutagenicity

Not classified.

Carcinogenicity

Not classified.

Reproductive toxicity

Not classified.



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

Specific target organ toxicity (single exposure)

Not classified.

Specific target organ toxicity (repeated exposure)

Not classified.

Aspiration hazard

Not classified.

Rape methyl ester, distilled (85586-25-0)

Viscosity, kinematic ca. 4.2 mm²/s (40°C)**11.2 Information on other hazards****Adverse health effects caused by endocrine disrupting properties**

The substance/mixture has no endocrine disrupting properties.

Other information

No additional information available

SECTION 12: Ecological information**12.1 Toxicity**

Ecology - General:

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Ecology - Air:

No supplementary information available.

Ecology - Water:

No bioaccumulation data available

Acute aquatic toxicity:

Not classified

Chronic aquatic toxicity:

Not classified

12.2 Persistence and degradability

No additional information available.

12.3 Bioaccumulative potential**Rape methyl ester, distilled (85586-25-0)**

Partition coefficient n-octanol/water (Log Pow): 5,02 (OECD 117)

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**Adverse effects on the environment caused by endocrine disrupting properties**

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

12.7. Other adverse effects

No additional information available



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Disposal**

Prevent dispersion by covering with dry absorbent. Scoop solid spill into closing containers. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water and soap solution. Wash clothing and equipment after handling.

Regional legislation (waste)

No supplementary information available.

Ecology - waste materials

Do not discharge into drains or the environment. Remove to an authorized waste treatment plant.

EURAL code

No supplementary information available.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1 UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

14.2 UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3 Transport hazard class(es)**ADR**

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : -

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

14.4 Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5 Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6 Special precautions for user**Overland transport**

Transport regulations (ADR) : Not subject

Transport by sea

Transport regulations (IMDG) : Not subject

Air transport

Transport regulations (IATA) : Not subject

Inland waterway transport

No data available

Rail transport

Transport regulations (RID) : Not subject

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU REGULATIONS****Extra phrases**

The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

VOC Directive (2004/42)

VOC content: < 3 % (1999/13/EC; 2004/42/EC; 2010/75/EU; SR 814.018)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

NATIONAL REGULATIONS**Related CAS RN**

73891-99-3; 67762-38-3

Chemical inventories

Compliant with AICIS, DSL, ECST, EU REACH, IECSC, KECL, NZIoC, PICCS, TECI_DIW, TR EAEU, TSCA, VNCI

Legend

AIC (obsolete) = Australian Inventory of Industrial Chemicals
DSL = Canadian Domestic Substances List
EAEU (obsolete) = Eurasian Economic Union Unified list of chemicals
ECST = Existing Chemical Substances Inventory of Taiwan
EU REACH = European Union REACH Regulation 1907/2006
IECSC = Inventory of Existing Chemicals Substances in China
KECL = Korean Existing Chemical List
NCI = National Chemical Inventory
NZIoC = New Zealand Inventory of Chemicals
PICCS = Philippines Inventory of Chemicals and Chemical Substances
PICCS (Obsolete) = Philippine Inventory of Chemicals and Chemical Substances
TCSI = Taiwan Chemical Substance Inventory
TECI = Thailand Existing Chemicals Inventory (DIW)
TSCA (Active) = USA Toxic Substances Control Act
VNCI = Vietnam National Chemicals Inventory

KKDIK number (Turkey) : 05-0000212185-56-0000

K-REACH (Korea) : preregistered

UK-REACH (Great Britain) : DUIN submitted

Swiss Chemo (SR 813.11) : This substance is not subject to the obligation to register pursuant to art.61 of the Chemicals Ordinance (Chemo)

Germany**Water hazard class (WGK)**

WGK 1 - Slightly hazardous to water (Classification according to AwSV; ID No. 834).

Hazardous Incident Ordinance (12. BImSchV)

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

Netherlands**ABM category**

A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen

The substance is not listed

SZW-lijst van mutagene stoffen

The substance is not listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

The substance is not listed



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid

The substance is not listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling

The substance is not listed

15.2. Chemical Safety Assessment

The chemical safety assessment has been carried out, an exposure scenario is not applicable (substance is not classified).

SECTION 16: Other information

The information is based on the current state of our knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.
product characteristics and do not establish a contractual legal relationship.

Data sources used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended.

EC Directives 2000/39/EC, 2006/15/EC

National occupational exposure limit lists of the respective countries in the respective valid version.

Transport regulations according to ADR, RID, IMDG, IATA in the respective valid version.

Data sources used to determine physical, toxicological and ecotoxicological data, are directly indicated in the respective sections.

Reasons for changes:

Section 1

Section 16

Editorial changes

Adaptation to the Regulation: Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU

Complete revision.

Data sheet issuing division:

SysKem Chemie GmbH

Dept. Product Safety

Phone +49 (0) 0202-317559-0

Training information

No additional information available.

Full text of H- and EUH-phrases listed in section 2 and 3.

Not applicable.



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

Full text of use descriptors

ERC1	Manufacture of the substance
ERC10a	Widespread use of articles with low release (outdoor)
ERC10b	Widespread use of articles with high or intended release (outdoor)
ERC11a	Widespread use of articles with low release (indoor)
ERC11b	Widespread use of articles with high or intended release (indoor)
ERC2	Formulation into mixture
ERC3	Formulation into solid matrix
ERC4	Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
ERC5	Use at industrial site leading to inclusion into/onto article
ERC6a	Use of intermediate
ERC6b	Use of reactive processing aid at industrial site (no inclusion into or onto article)
ERC6c	Use of monomer in polymerisation processes at industrial site (inclusion or not into/onto article)
ERC6d	Use of reactive process regulators in polymerisation processes at industrial site (inclusion or not into/onto article)
ERC7	Use of functional fluid at industrial site
ERC8a	Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8b	Widespread use of reactive processing aid (no inclusion into or onto article, indoor)
ERC8c	Widespread use leading to inclusion into/onto article (indoor)
ERC8d	Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
ERC8e	Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)
ERC8f	Widespread use leading to inclusion into/onto article (outdoor)
ERC9a	Widespread use of functional fluid (indoor)
ERC9b	Widespread use of functional fluid (outdoor)
PC1	Adhesives, sealants
PC11	Explosives
PC12	Fertilizers
PC13	Fuels
PC14	Metal surface treatment products
PC15	Non-metal-surface treatment products
PC16	Heat Transfer Fluids
PC17	Hydraulic Fluids
PC18	Ink and Toners
PC19	Intermediate
PC2	Adsorbents

SAFETY DATA SHEET



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

PC20	Metal surface treatment products
PC21	Laboratory chemicals
PC23	Leather treatment products
PC24	Lubricants, greases, release products
PC25	Metal working fluids
PC26	Paper and board treatment products
PC27	Plant protection products
PC28	Perfumes, fragrances
PC29	Pharmaceuticals
PC3	Air care products
PC30	Photo-chemicals
PC31	Polishes and wax blends
PC32	Polymer preparations and compounds
PC33	Semiconductors
PC34	Textile dyes, and impregnating products
PC35	Washing and cleaning products
PC36	Water softeners
PC39	Cosmetics, personal care products
PC4	Anti-Freeze and De-icing products
PC7	Base metals and alloys
PC8	Biocidal products
PC9a	Coatings and paints, thinners, paint removers
PC9b	Fillers, putties, plasters, modelling clay
PC9c	Finger paints
PROC10	Roller application or brushing
PROC11	Non industrial spraying
PROC12	Use of blowing agents in manufacture of foam
PROC13	Treatment of articles by dipping and pouring
PROC14	Tabletting, compression, extrusion, pelettisation, granulation
PROC15	Use as laboratory reagent
PROC17	Lubrication at high energy conditions in metal working operations
PROC18	General greasing /lubrication at high kinetic energy conditions
PROC19	Manual activities involving hand contact
PROC2	Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC20	Use of functional fluids in small devices
PROC21	Low energy manipulation and handling of substances bound in/on materials or articles
PROC22	Manufacturing and processing of minerals and/or metals at substantially elevated temperature
PROC23	Open processing and transfer operations at substantially elevated temperature

SAFETY DATA SHEET



Product name: Rape methyl ester, distilled

Date of print: 2025-01-23

Version: 6.6, Date of issue: 21.11.2024

Date of previous issue: 13.06.2024

PROC24	High (mechanical) energy work-up of substances bound in /on materials and/or articles
PROC25	Other hot work operations with metals
PROC3	Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4	Chemical production where opportunity for exposure arises
PROC5	Mixing or blending in batch processes
PROC6	Calendering operations
PROC7	Industrial spraying
PROC8a	Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9	Transfer of substance or preparation into small containers (dedicated filling line, including weighing)
SU1	Agriculture, forestry, fishery
SU10	Formulation [mixing] of preparations and/or re-packaging (excluding alloys)
SU11	Manufacture of rubber products
SU12	Manufacture of plastics products, including compounding and conversion
SU13	Manufacture of other non-metallic mineral products, e.g. plasters, cement
SU14	Manufacture of basic metals, including alloys
SU15	Manufacture of fabricated metal products, except machinery and equipment
SU16	Manufacture of computer, electronic and optical products, electrical equipment
SU17	General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment
SU18	Manufacture of furniture
SU21	Consumer uses: Private households (= general public = consumers)
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU2a	Mining, (including offshore industries)
SU2b	Offshore industries
SU3	Industrial uses: Uses of substances as such or in preparations* at industrial sites
SU5	Manufacture of textiles, leather, fur
SU6a	Manufacture of wood and wood products
SU6b	Manufacture of pulp, paper and paper products
SU7	Printing and reproduction of recorded media
SU8	Manufacture of bulk, large scale chemicals (including petroleum products)
SU9	Manufacture of fine chemicals

SAFETY DATA SHEET



Product name: Rape methyl ester, distilled

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Abbreviations and acronyms

Abbreviation	Descriptions of the abbreviations used
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 relatif au transport international des marchandises dangereuses par route (Convention concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging (Classification, Labelling and Packaging) of Substances and Mixtures
DGR	Dangerous Goods Regulations
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %
EG-Nr.	The EC inventory (EINECS, ELINCS and the NLP inventory) is the source for the seven-digit EC-number as the identification number for substances in the EU (European Union).
EINECS	European Inventory of Existing Commercial Chemical Substances (europäisches Verzeichnis der auf dem Markt vorhandenen chemischen Stoffe)
ELINCS	European List of Notified Chemical Substances
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals"
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
IMDG	International Maritime Dangerous Goods Code
INDEX-Nr.	The index number is the identification code given in Part 3 of Annex VI to Regulation (EC) No 1272/2008 identification code
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
LGK	Storage class according to TRGS 510, Germany
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International Carriage of Dangerous Goods by Rail)
SVHC	Substance of Very High Concern
TRGS	Technical Rules for Hazardous Substances (Germany)
vPvB	Very Persistent and very Bioaccumulative