

Champlor

SAFETY DATA SHEET Mixed Fatty Acid Distillate and Acid Oils

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Mixed Fatty Acid Distillate and Acid Oils

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

Identified uses Oleo chemical industry feed stock, biodiesel production feedstock, biogas production.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Contact person BIG

Manufacturer Valtris Champlor
Z.I. Baleycourt
55100 VERDUN,
France
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SDS.Champlor@Valtris.com

1.4. Emergency telephone number

Emergency telephone BIG: 0032 (0)14 58 45 45 (24 hour)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards STOT SE 2 - H371

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H226 Flammable liquid and vapour.
H371 May cause damage to organs .

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Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe vapour/ spray.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/ container in accordance with national regulations.

Contains METHANOL

Supplementary precautionary statements

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P308+P311 IF exposed or concerned: Call a POISON CENTER or doctor.

P312 Call a POISON CENTRE/doctor if you feel unwell.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

METHANOL	1-5%
CAS number: 67-56-1	EC number: 200-659-6
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Product name Mixed Fatty Acid Distillate and Acid Oils

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

Skin contact Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. Wash contaminated clothing before reuse.

Eye contact Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

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

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General information No specific symptoms known.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Carbon dioxide or dry powder.

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Transfer to a container for disposal.

6.4. Reference to other sections

Reference to other sections For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Use only non-sparking tools. Use explosion proof electric equipment. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container in a well-ventilated place. Keep cool. Container must be kept tightly closed when not in use. Keep away from oxidising materials, heat and flames.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

METHANOL

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Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m³(Sk)

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. (CEN EN166)

Hand protection

Wear protective gloves.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. (CEN EN340) Wash contaminated clothing before reuse.

Hygiene measures

Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Dark brown.
Odour	Mild fatty
Odour threshold	Not determined.
pH	Not determined.
Melting point	-9 °C°C
Initial boiling point and range	Not determined.
Flash point	50°C
Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	0.904 g/ml @ °C
Solubility(ies)	Not determined.

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Partition coefficient	Not determined.
Auto-ignition temperature	650°C
Decomposition Temperature	>200°C
Viscosity	3.66e-5 m ² /s @ 20°C
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Avoid contact with strong oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Heat, sparks, flames. Protect against direct sunlight.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 3,448.28

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 8,410.0

Species Rabbit

ATE dermal (mg/kg) 10,344.83

Acute toxicity - inhalation

Species Rat

ATE inhalation (gases ppm) 24,137.93

ATE inhalation (vapours mg/l) 103.45

ATE inhalation (dusts/mists mg/l) 17.24

Skin corrosion/irritation

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Animal data	Not classified. Prolonged skin contact may cause temporary irritation.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	May cause temporary eye irritation.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	There is no evidence that the material can lead to respiratory hypersensitivity.
<u>Skin sensitisation</u>	
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
<u>Carcinogenicity</u>	
Carcinogenicity	Carcinogenicity in humans is not expected.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Not available. Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	NOAEL 200 mg/kg/day, , Mouse
<u>Aspiration hazard</u>	
Aspiration hazard	Not classified.
<u>Inhalation</u>	
Inhalation	Gas or vapour in high concentrations may irritate the respiratory system.

SECTION 12: Ecological information

General

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - aquatic invertebrates Aquatic toxicity is unlikely to occur.

Acute toxicity - microorganisms Aquatic toxicity is unlikely to occur.

12.2. Persistence and degradability

Persistence and degradability The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

Partition coefficient Not determined.

12.4. Mobility in soil

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Mobility Not considered mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not discharge into drains or watercourses or onto the ground. Waste is suitable for incineration.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1993

UN No. (IMDG) 1993

UN No. (ICAO) 1993

UN No. (ADN) 1993

14.2. UN proper shipping name

Proper shipping name (ADR/RID) FLAMMABLE LIQUID, N.O.S. (Contains: Methanol)

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (Contains: Methanol)

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (Contains: Methanol)

Proper shipping name (ADN) FLAMMABLE LIQUID, N.O.S. (Contains: Methanol)

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

IMDG class 3

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

ADN packing group III

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Emergency Action Code 3Y

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.

Restrictions (Annex XVII Regulation 1907/2006) Methanol. Entry number: 69

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

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Revision date 15/09/2020

Revision 3

Supersedes date 27/02/2019

SDS number 31168

Hazard statements in full H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H331 Toxic if inhaled.
H370 Causes damage to organs .
H371 May cause damage to organs .

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.