

# Champlor

## SAFETY DATA SHEET RSME / BIODIESEL

According to Regulation (EC) No 1907/2006, Annex II, as amended. Regulation 2020/878

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

#### 1.1. Product identifier

Product name	RSME / BIODIESEL
Chemical name	Fatty acids, C16-18 and C18 unsaturated, methyl esters
UFI	Not relevant for substances.
REACH registration number	01-2119471664-32-0008
CAS number	67762-38-3
EC number	267-015-4

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

Identified uses	Industrial chemical. Plasticiser for Polymers. Fuel additive.
Uses advised against	No specific uses advised against are identified. No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

Contact person	L. Hadcroft
Manufacturer	Valtris Champlor Z.I. Baleycourt 55100 VERDUN, France +33 (0) 3 29 83 32 00 +33 (0) 3 29 86 18 15 SDS.Champlor@Valtris.com

#### 1.4. Emergency telephone number

Emergency telephone	BIG: 0032 (0)14 58 45 45 (24 hour)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

EC number	267-015-4
Hazard statements	NC Not Classified
Supplemental label information	EUH210 Safety data sheet available on request.

## RSME / BIODIESEL

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.1. Substances

<b>RSME / BIODIESEL</b>	<b>60-100%</b>
CAS number: 67762-38-3	EC number: 267-015-4
<b>Classification</b>	
Not Classified	

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

<b>Product name</b>	RSME / BIODIESEL
<b>Chemical name</b>	Fatty acids, C16-18 and C18 unsaturated, methyl esters
<b>REACH registration number</b>	01-2119471664-32-0008
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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>Inhalation</b>	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.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention.

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

<b>Skin contact</b>	May cause irritation. Get medical attention.
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##### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray, foam, dry powder or carbon dioxide.

##### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** 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. Avoid discharge into drains or watercourses or onto the ground.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

## RSME / BIODIESEL

**Personal precautions** Remove or isolate all sources of ignition. Do not breathe vapour. Wear protective gloves, eye and face protection.

### 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. Transfer to a container for disposal.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid breathing vapours. Provide adequate ventilation. Avoid contact with eyes. Do not empty into drains.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Avoid contact with oxidising agents. Keep only in the original container. Avoid heat, flames and other sources of ignition. Do not store for more than 2 years.

### 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

NO EXPOSURE LIMITS NOTED FOR INGREDIENT(S)

#### RSME / BIODIESEL

NO EXPOSURE LIMITS NOTED FOR INGREDIENT(S)

#### RSME / BIODIESEL (CAS: 67762-38-3)

<b>DNEL</b>	Industry - Inhalation; Long term systemic effects: 6.96 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 10 mg/kg/day Consumer - Oral; Long term systemic effects: 5 mg/kg/day Consumer - Inhalation; Long term systemic effects: 23 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 5 mg/kg/day
<b>PNEC</b>	Fresh water; 10 mg/l marine water; 1 mg/l STP; 0.2 mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

## RSME / BIODIESEL

<b>Eye/face protection</b>	Wear eye protection.
<b>Hand protection</b>	Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Butyl rubber. Polyvinyl chloride (PVC). Viton rubber (fluoro rubber).
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.
<b>Environmental exposure controls</b>	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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Green-yellow.
<b>Odour</b>	Mild.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting point</b>	6.3°C
<b>Initial boiling point and range</b>	354°C
<b>Flash point</b>	173°C Closed cup. 185°C Open cup.
<b>Evaporation rate</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	420 Pa @ 25°C Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Not known.
<b>Bulk density</b>	0.89 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	Almost insoluble in the following materials: Water.
<b>Partition coefficient</b>	: 6.2 @ 25°C
<b>Auto-ignition temperature</b>	261°C
<b>Decomposition Temperature</b>	Not known.
<b>Viscosity</b>	6.1 mPa s @ 20°C
<b>Explosive properties</b>	No unusual fire or explosion hazards noted.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Molecular weight</b>	296
<b>Subsection 9.2.1</b>	Not applicable. This product does not possess a physical hazard classification.
<b>Subsection 9.2.2</b>	Other physical and chemical parameters are not required for the safe use of this product.

## RSME / BIODIESEL

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Oxidising agents.

#### 10.4. Conditions to avoid

**Conditions to avoid** Water, moisture.

#### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

##### Animal data

Not classified. Prolonged skin contact may cause temporary irritation.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

##### Respiratory sensitisation

**Respiratory sensitisation** There is no evidence that the material can lead to respiratory hypersensitivity.

##### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**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.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### Reproductive toxicity

**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.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** 28 days NOAEL >1000 mg/kg/day, Oral, Rat

## RSME / BIODIESEL

### Aspiration hazard

**Aspiration hazard** Not classified.

### **General information**

Not regarded as a health or environmental hazard under current legislation. Not considered an endocrine disruptor based on current criteria.

### **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 - fish** Conclusive data but not sufficient for classification.

**Acute toxicity - aquatic invertebrates** Not toxic at limit of water solubility.

**Acute toxicity - terrestrial** Not toxic at limit of water solubility.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** : 6.2 @ 25°C

### 12.4. Mobility in soil

**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 considered an endocrine disruptor based on current criteria.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Non-hazardous substance. Do not discharge into drains or watercourses or onto the ground.

**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

### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

## RSME / BIODIESEL

**Proper shipping name (ADR/RID)** This product is not classified as hazardous for transport.

**Proper shipping name (IMDG)** This product is not classified as hazardous for transport.

**Proper shipping name (ICAO)** This product is not classified as hazardous for transport.

**Proper shipping name (ADN)** This product is not classified as hazardous for transport.

### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### **Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 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.

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

**Issued by** L Hadcroft

**Revision date** 21/07/2023

**Revision** 2

**Supersedes date** 29/09/2020

**SDS number** 31151

**SDS status** Approved.

## RSME / BIODIESEL

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.