

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### JMC Motorenöl Extra 15W40 5I

Print date: 30.06.2020

Product code: 5583011

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

##### 1.1. Product identifier

JMC Motorenöl Extra 15W40 5I

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

###### Use of the substance/mixture

Engine oil

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

###### Manufacturer

Company name: Johannes J. Matthies GmbH & Co. KG  
Street: Hammerbrookstr. 97  
Place: D-20097 Hamburg  
Telephone: + 49 (0) 40 2 37 21-0  
e-mail: info@matthies.de  
Internet: www.matthies.de

###### Supplier

Company name: Larsson UK Ltd.  
Street: 7 Alpha Court, Phoenix Parkway  
Place: GB-NN17 5DP Corby  
Telephone: + 44 1536 265633  
e-mail: info@larsson.uk.com  
Internet: www.larsson.uk.com

##### 1.4. Emergency telephone number:

+ 44 1536 265633

#### SECTION 2: Hazards identification

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

###### Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1B

Hazard Statements:

Causes serious eye irritation.

May cause an allergic skin reaction.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

###### Hazard components for labelling

Benzolsulfonsäure, methyl-mono-C20-26-verzweigte Alkylderivate, Calciumsalze

Calciumalkarylsulfonat, langkettiges

**Signal word:** Warning**Pictograms:**

###### Hazard statements

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

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### Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of waste according to applicable legislation.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
722503-69-7	Benzolsulfonsäure, methyl-mono-C20-26-verzweigte Alkylderivate, Calciumsalze	1 - < 2,5 %
	682-812-0	
	Skin Sens. 1B; H317	
68784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	1 - < 2,5 %
	272-238-5	
	01-2119657973-23	
	Eye Dam. 1, Aquatic Chronic 2; H318 H411	
722503-68-6	Calciumalkarylsulfonat, langkettiges	0,3 - < 1 %
	682-816-2	
	Skin Sens. 1B; H317	

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Self-protection of the first aider

Immediately remove any contaminated clothing, shoes or stockings. Do not put any product-impregnated cleaning rags into your trouser pockets.

#### After inhalation

Provide fresh air. In case of inhalation of aerosols/spray/spray droplets: Consult a physician. Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

Rinse mouth immediately and drink plenty of water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

No information available.

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

Observe risk of aspiration if vomiting occurs.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.  
Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Foam.

##### **Unsuitable extinguishing media**

Strong water jet

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

Non-flammable. Particular hazard due to substance itself, its combustion products or resulting gases: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Sulphur oxides. Phosphorus oxides. Hydrogen sulphide (H<sub>2</sub>S).

#### 5.3. Advice for firefighters

carbon black In case of fire: Wear self-contained breathing apparatus.  
In case of fire and/or explosion do not breathe fumes.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Dispose of waste according to applicable legislation. Use water spray jet to protect personnel and to cool endangered containers.

### SECTION 6: Accidental release measures

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

Provide adequate ventilation. Special danger of slipping by leaking/spilling product. Wear suitable protective clothing. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

#### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### **Advice on safe handling**

Apply skin protection cream for preventive skin protection. Wash hands before breaks and after work.  
Conditions to avoid: aerosol or mist formation

##### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.  
When using do not smoke.  
Fire class: B (DIN-/EN-Norms: EN2)

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

##### **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep away from heat. Keep/Store only in original container.

##### **Hints on joint storage**

Do not store together with: Food and feedingstuffs, Oxidizing agent

##### **Further information on storage conditions**

If product enters soil, it will be mobile and may contaminate groundwater.

#### 7.3. Specific end use(s)

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Apply skin protection cream for preventive skin protection. Keep away from food, drink and animal feedingstuffs. Do not breathe vapour.

#### Eye/face protection

In fine dispersion/spraying/misting: Wear eye protection/face protection.

#### Hand protection

Wear suitable gloves.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Skin protection

In fine dispersion/spraying/misting: Wear protective gloves and protective clothing.

#### Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	brown
Odour:	characteristic

	Test method
pH-Value:	not determined DIN 51369

#### Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Pour point:	~-24 °C DIN ISO 3016
Flash point:	~235 °C DIN ISO 2592

#### Flammability

Solid:	not applicable
Gas:	not applicable

#### Explosive properties

The product is not explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined

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### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

### Oxidizing properties

Not oxidising.

Vapour pressure: < 0,1 hPa calculated.

(at 20 °C)

Density (at 15 °C): 0,88 g/cm<sup>3</sup> DIN 51757

Water solubility: practically insoluble

(at 20 °C)

### Solubility in other solvents

Soluble in hydrocarbons. (Mineral oil)

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: ~14,7 mm<sup>2</sup>/s DIN 51562

(at 100 °C)

Vapour density: not determined

Evaporation rate: not determined

Solvent separation test: No data available

Solvent content: none

### 9.2. Other information

Odour threshold: not determined

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

No thermal decomposition if stored/handled/transported properly.

(> 65 °C): Gases/vapours, toxic Gases/vapours, combustible (Hydrogen sulphide (H<sub>2</sub>S))

### 10.3. Possibility of hazardous reactions

Reactions possible with oxidising agents.

### 10.4. Conditions to avoid

none

### 10.5. Incompatible materials

Oxidising agent, strong

### 10.6. Hazardous decomposition products

none

### Further information

No thermal decomposition if stored/handled/transported properly.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

Irritation of the respiratory tract: Do not breathe gas/vapour.

#### Irritation and corrosivity

Causes serious eye irritation.

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

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### Sensitising effects

May cause an allergic skin reaction. (Benzolsulfonsäure, methyl-mono-C20-26- verzweigte Alkylderivate, Calciumsalze; Calciumalkarylsulfonat, langkettiges)  
It can be assumed that the finished product is not skin sensitising, due to the very low content of sensitising substances.

### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

### STOT-single exposure

Based on available data, the classification criteria are not met.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.  
Frequently or prolonged contact with skin may cause dermal irritation.

### Aspiration hazard

Based on available data, the classification criteria are not met.

### Practical experience

#### Observations relevant to classification

Has degreasing effect on the skin.

#### Other observations

No special hazards caused by the product are known if it is used as intended and instructions given on precautionary measures are observed.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

### 12.2. Persistence and degradability

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants. Poorly eliminated from water. Not readily biodegradable (according to OECD criteria). Product is partially biodegradable. Significant residues remain.  
Waste oils should not be discharged into the sewage system or bodies of water, nor should they be allowed to seep into soil.

### 12.3. Bioaccumulative potential

The product has not been tested. Do not allow uncontrolled discharge of product into the environment.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.6. Other adverse effects

No information available.

### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. The specified waste codes are recommended due to the intended use of the product. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

#### List of Wastes Code - residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

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### List of Wastes Code - used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

### List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

### Contaminated packaging

Dispose of this material and its container to hazardous or special waste collection point. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

No information available.

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

not applicable

## SECTION 15: Regulatory information

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

#### EU regulatory information

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

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Water hazard class (D): 2 - obviously hazardous to water  
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

### Relevant H and EUH statements (number and full text)

H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*