

Safety Data Sheet

according to UK REACH Regulation

JMC Rubber care 75 ml

Revision date: 27.02.2025

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

JMC Rubber care 75 ml

UFI: HA6R-W16Y-DH0Q-TFEF

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

Rubber care

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

Telefax: + 49 (0) 40 2 37 21-363

E-mail: info@matthies.de

Internet: www.matthies.de

Responsible Department: Abteilung Produktsicherheit

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****GB CLP Regulation**

Flam. Liq. 3; H226

Full text of hazard statements: see SECTION 16.

2.2. Label elements**GB CLP Regulation**

Signal word: Warning

Pictograms:

**Hazard statements**

H226 Flammable liquid and vapour.

Precautionary statements

P102 Keep out of reach of children.

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P403+P235
P501Store in a well-ventilated place. Keep cool.
Dispose of waste according to applicable legislation.**2.3. Other hazards**PBT not applicable
vPvB not applicable
Endocrine disrupting potential: CAS No. 78-93-3: Monitoring and observation processes**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Watery solution consisting of the following substances and other non-hazardous ingredients.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64-17-5	ethanol; ethyl alcohol			45 - < 50 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
64-17-5	200-578-6	ethanol; ethyl alcohol	45 - < 50 %
	inhalation: LC50 = 95,6 mg/l (vapours); dermal: LD50 = > 20000 mg/kg; oral: LD50 = 6200 mg/kg Eye Irrit. 2; H319: >= 50 - 100		

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

Take off contaminated clothing.

After inhalation

Provide fresh air. Consult physician in case of complaints.

After contact with skin

The product generally does not irritate the skin.

Wash with plenty of water.

In case of skin irritation, consult a physician.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

Consult physician in case of complaints.

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

Irritation of the eyes

Nausea

Vomiting

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

No information available.

SECTION 5: Firefighting measures

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5.1. Extinguishing media**Suitable extinguishing media**

Extinguishing powder, Foam, Water spray jet.

In case of major fire and large quantities: Water spray jet, alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Vapours can form explosive mixtures with air.

Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode.

In case of fire and/or explosion do not breathe fumes. (Health hazard)

In case of fire may be liberated: Carbon monoxide, Pyrolysis products, toxic.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

Remove stored goods from the fire zone if possible.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Wear protective equipment. Keep unprotected persons back.

Due to the proportion of organic solvents, keep away from ignition sources and ensure that the room is well ventilated.

For non-emergency personnel

Keep away from sources of ignition - No smoking. Provide adequate ventilation as well as local exhaust at critical locations. Vapours are heavier than air.

For emergency responders

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Small volumes which usually occur during handling can be washed away with water.

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up**For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

For 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.

Other information

Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

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

No special measures are necessary.

Avoid contact with skin, eyes and clothes.

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Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well-ventilated place. Store in a cool dry place.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Protect against: Frost. Protect against direct sunlight.

7.3. Specific end use(s)

Rubber care

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL

8.2. Exposure controls**Appropriate engineering controls**

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

Protective and hygiene measures

When using do not eat or drink.

Wash hands before breaks and after work.

Eye/face protection

Splash guard: Wear solely goggles.

Hand protection

Filling and transfer 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.

Wearing time with permanent contact

Suitable material: Butyl caoutchouc (butyl rubber), FKM (fluoro rubber)

Breakthrough time: > 480 min

Thickness of glove material: 0,7 mm

Skin protection

Wear suitable protective clothing.

Respiratory protection

Usually no personal respiratory protection necessary.

Respiratory protection necessary at: exceeding exposure limit values

Filter type: A

Environmental exposure controls

Avoid release to the environment.

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

Physical state:	Liquid
Colour:	colourless
Odour:	like: Alcohol
Odour threshold:	not determined
pH-Value (at 20 °C):	8

Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	78 °C
Flash point:	28 °C

Flammability

Solid/liquid:	Flammable
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Explosive properties

The product is not: Explosive. Vapours can form explosive mixtures with air.

Lower explosion limits:	0,9 vol. %
Upper explosion limits:	13,5 vol. %
Auto-ignition temperature:	>363 °C
Decomposition temperature:	not determined
Vapour pressure: (at 20 °C)	59 hPa
Density (at 20 °C):	1,026 g/cm ³
Water solubility:	completely miscible
Solubility in other solvents not determined	
Partition coefficient n-octanol/water:	not determined
Viscosity / kinematic:	not determined
Relative vapour density:	not determined

9.2. Other information

No information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Protect against: Frost. Protect against direct sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide, Pyrolysis products, toxic.

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SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	ethanol; ethyl alcohol				
	oral	LD50 6200 mg/kg	Rat	IUCLID	
	dermal	LD50 > 20000 mg/kg	Rat		
	inhalation (4 h) vapour	LC50 95,6 mg/l	Rat	RTECS	

Irritation and corrosivity

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

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: 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.

Aspiration hazard

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

11.2. Information on other hazards**Endocrine disrupting properties**

CAS No. 78-93-3: Monitoring and observation processes

SECTION 12: Ecological information**12.1. Toxicity**

The product is not: Ecotoxic.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
64-17-5	ethanol; ethyl alcohol				
	Acute fish toxicity	LC50 14200 mg/l	96 h	Pimephales promelas (fathead minnow)	
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna (Big water flea)	IUCLID

12.2. Persistence and degradability

Biodegradable.

The product has not been tested.

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64-17-5	ethanol; ethyl alcohol			
	OECD 301D	70 %	5	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

Does not accumulate in organisms.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	- 0,31

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. 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**

Collect the waste separately. Do not allow to enter into surface water or drains.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

HP3, HP4 (Flammable, irritant.)

List of Wastes Code - residues/unused products

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

List of Wastes Code - used product

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

Contaminated packaging

Completely emptied packages can 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:	UN 1170
14.2. UN proper shipping name:	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3

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Classification code: F1
 Special Provisions: 144 601
 Limited quantity: 5 L
 Excepted quantity: E1
 Transport category: 3
 Hazard No: 30
 Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number: UN 1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Classification code: F1
 Special Provisions: 144 601
 Limited quantity: 5 L
 Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Marine pollutant: -
 Special Provisions: 144 223
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1170
14.2. UN proper shipping name: ETHYL ALCOHOL
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Special Provisions: A3 A58 A180
 Limited quantity Passenger: 10 L
 Passenger LQ: Y344
 Excepted quantity: E1

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IATA-packing instructions - Passenger:	355
IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	366
IATA-max. quantity - Cargo:	220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning: Combustible liquid.

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 regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: < 55 %

Information according to Directive 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

National regulatory information

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

Water hazard class (D): 1 - slightly hazardous to water

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

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

SECTION 16: Other information**Abbreviations and acronyms**

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging

EU: European Union

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

REACH: Registration, Evaluation and Authorization of Chemicals

UN: United Nations

PBT: Persistent, Bioaccumulative, Toxic

SVHC: Substance of Very High Concern

vPvB: very Persistent, very Bioaccumulative

ATE: Acute Toxicity Estimates

BCF: Bio-Concentration Factor

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

VOC: Volatile Organic Compounds

DIN: Deutsches Institut für Normung e.V. (German Institute for Standardization)

EN: European Standard

ISO: International Organization for Standardization

IUCLID: International Uniform Chemical Information Database

LC50: Lethal Concentration, 50 %

LD50: Lethal Dose, 50 %

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LL50: Lethal Loading, 50 %

OECD: Organisation for Economic Co-operation and Development

EC50: Effective Concentration 50 %

M-Faktor: Multiplication Factor

EL50: Effect Loading, 50 %

ErC50: Effective Concentration 50 %, growth rate

M-Faktor: Multiplication Factor

NOEC: No Observed Effect Concentration

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 européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

DGR: Dangerous Goods Regulations

EmS: Emergency Schedules

IATA: International Air Transport Association

IBC: Intermediate Bulk Container

ICAO: International Civil Aviation Organization

IE: Industrial Emissions

IMDG: International Maritime Code for Dangerous Goods

LQ: Limited Quantity

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

MFAG: Medical First Aid Guide

RID: Regulations concerning the International carriage of Dangerous goods by rail

TI: Technical Instructions

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

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.

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