

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC Druckluft-Wartungsöl

Print date: 14.07.2014

Product code:

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

1.1. Product identifier

JMC Druckluft-Wartungsöl

CAS No: 64741-88-4

EC No: 265-090-8

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

Use of the substance/mixture

Lubricant, lubricants and release products

Uses advised against

not known

1.3. Details of the supplier of the safety data sheet

Company name: Johannes J. Matthies GmbH & Co. KG

Street: Hammerbrockstr. 97

Place: D Hamburg

Telephone: +49 (0) 40 23721-0

Telefax: +49 (0) 40 23721-390

Internet: www.matthies.de

Responsible Department: info@matthies.de

1.4. Emergency telephone number:

0049- (0)4163-8159-0 (9:00-17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This substance is not classified as hazardous according to Directive 67/548/EEC.

GHS classification

This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

The generation of combustible vapours is possible, at temperatures above: 190°C

Product can form a film on the water surface, which can prevent oxygen exchange.

SECTION 3: Composition/information on ingredients

3.1. Substances

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
265-090-8	Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic	100 %
64741-88-4		

Full text of R and H phrases: see Section 16.

Further Information

Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (INDEX no.:

649-454-00-7):

Note L: The classification as a carcinogen need not apply if it can be shown that the substance

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contains less than 3 % DMSO extract as measured by IP 346 . This note applies only to certain complex oil-derived substances in Appendix I.

Product does not contain listed SVHC substances.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

After inhalation

Provide fresh air.

After contact with skin

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Caution if victim vomits: Risk of aspiration! Rinse mouth thoroughly with water. Immediately call a POISON CENTER or doctor/physician. Let water be swallowed in little sips (dilution effect). Do not induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. Foam. Carbon dioxide. Extinguishing powder.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

When hot, product develops flammable vapours.

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Sulfur oxides.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Additional information

Fire class (EN2):

B: Burning liquid or melting substances.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. (Refer to chapter 8.) Remove all sources of ignition. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray. Do not put any product-impregnated cleaning rags into your trouser pockets. High slip hazard because of leaking or spilled product.

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6.2. Environmental precautions

Prevent spreading over great surfaces (e.g. by damming or installing oil booms). Do not empty into drains or the aquatic environment.

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 assimilated material according to the section on waste disposal.
The contaminated area should be cleaned up immediately with: Water (with cleaning agent).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe instructions for use. Avoid contact with skin and eyes.
General protection and hygiene measures: Refer to chapter 8.

Advice on protection against fire and explosion

Do not breathe gas/fumes/vapour/spray. The generation of combustible vapours is possible, at temperatures above: 190°C
Take precautionary measures against static discharges.

Further information on handling

Flammable vapours can accumulate in steam space of closed systems.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep container dry. Keep only in the original container at temperature not exceeding 50 °C.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Infectious substances.
Radioactive substances.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64741-88-4	Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic		5		TWA (8 h) STEL (15 min)	TLV-ACG TLV-ACG

Additional advice on limit values

To date, no national limit values exist.

8.2. Exposure controls

Appropriate engineering controls

In case of open handling, use devices with built-in suction where possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Remove contaminated clothing immediately and dispose off safely. Wash contaminated clothing prior to re-use. Used working clothes should not be used outside the work area. Street clothing should be stored separately from work clothing.

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. DIN EN 166

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Hand protection

Pull-over gloves of rubber. DIN EN 374

Suitable material:

(penetration time (maximum wearing period): ≥ 8 h):

NBR (Nitrile rubber). (0,33 mm)

(penetration time (maximum wearing period): $\geq 0,5$ h):

NBR (Nitrile rubber). (0,11 mm)

Before using check leak tightness / impermeability. In case of reutilization, clean gloves before taking off and store in well-aired place.

Skin protection

Suitable protection of the body: Chemical resistant safety shoes. Lab apron. Protective apron. (EN 347)

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection required in case of:

Generation/formation of aerosols

Generation/formation of mist

Suitable respiratory protective equipment: gas filtering equipment (EN 141). Typ: A-P2

Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

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

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

Test method**Changes in the physical state**

Initial boiling point and boiling range:	>320 °C
Flash point:	>220 °C DIN ISO 2592

Explosive properties

none/none

Lower explosion limits:	0,6
Upper explosion limits:	6,5
Ignition temperature:	>250 °C ASTM E 659

Oxidizing properties

none/none

Vapour pressure: (at 320 °C)	1013 hPa
Density (at 15 °C):	0,852 g/cm ³ DIN 51757
Water solubility:	insoluble
Viscosity / kinematic: (at 40 °C)	22 – 46 mm ² /s DIN 51562

9.2. Other information

Concentrated vapours are heavier than air.

SECTION 10: Stability and reactivity

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10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects**Toxicokinetics, metabolism and distribution**

No information available.

Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
64741-88-4	Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic				
	oral	LD50 mg/kg	>2000	Rat.	
	dermal	LD50 mg/kg	> 3000	Rat.	
	inhalative (4 h) vapour	LC50	(5,3) mg/l	Rat.	

Irritation and corrosivity

Repeated exposure may cause skin dryness or cracking. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Sensitising effects

no danger of sensitization.

Severe effects after repeated or prolonged exposure

NOAEL < 125 mg/kg

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

Specific effects in experiment on an animal

Not restricted

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
64741-88-4	Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic					
	Acute fish toxicity	LC50	>100 mg/l	96 h	Pimephales promelas	
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	daphnia magna	

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12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64741-88-4	Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic			
	OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C	2-4%		
	Not easily bio-degradable (according to OECD-criteria).			

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Moreover, national legislation has to be observed! Consult the local waste disposal expert about waste disposal.

Cleaned containers may be recycled.

Waste disposal number of waste from 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
Classified as hazardous waste.

Waste disposal number of 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
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150203 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; absorbents, filter materials, wiping cloths and protective clothing; absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

Contaminated packaging

Handle contaminated packaging in the same way as the substance itself.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Other applicable information (marine transport)

Not restricted

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Air transport (ICAO)**14.2. UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.**Other applicable information (air transport)**

Not restricted

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 MARPOL73/78 and the IBC Code

No information available.

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

1999/13/EC (VOC): No information available.

Additional information

Not subject to regulation 96/82/EC.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes**

Rev. 1,00 21.10.2011

Rev. 1,01 15.06.2013

Rev. 1,02 16.04.2014

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)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

OSHA: Concerning the International Transport of Dangerous Goods by Rail)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

LOAEL: Lowest observed adverse effect level

NOAEC: No observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

DNEL: Derived No Effect Level

PNEC: predicted no effect concentration

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TSCA: Toxic Substances Control Act

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

NTP: National Toxicology Program

SARA: Superfund Amendments and Reauthorization Act

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

PBT: Persistent bioaccumulative toxic

SVHC: substance of very high concern

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.