

**Safety Data Sheet**

according to UK REACH Regulation

**JMC Bremsenreiniger A1**

Revision date: 11.05.2022

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

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UFI: 42EY-UX60-GG06-VM24

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

Solvent

**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****GB CLP Regulation**

Flam. Liq. 2; H225  
Asp. Tox. 1; H304  
Skin Irrit. 2; H315  
STOT SE 3; H336  
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, &lt; 5% n-hexane

**Signal word:** Danger**Pictograms:**

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**Hazard statements**

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Gesichtsschutz/Schutzhandschuhe/Schutzkleidung tragen.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use foam to extinguish.
P405	Store locked up.
P501	Dispose of waste according to applicable legislation.

**2.3. Other hazards**

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, < 5% n-hexane			100 %
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			

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

**Labelling for contents according to Regulation (EC) No 648/2004**

&gt;= 30 % aliphatic hydrocarbons.

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

When in doubt or if symptoms are observed, get medical advice.  
 Remove person to fresh air and keep comfortable for breathing.  
 Do not leave affected person unattended.  
 Remove affected person from the danger area and lay down.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest. If experiencing respiratory symptoms: Call a doctor.

**After contact with skin**

IF ON SKIN: Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it before reuse.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an

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ophthalmologist.

**After ingestion**

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water.

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

Impairment of vision, Vomiting, Headache, Nausea, Dizziness

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

none

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

High power water jet.

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

In case of fire may be liberated: Carbon monoxide, Carbon dioxide.

**5.3. Advice for firefighters**

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

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Provide adequate ventilation. Evacuate area.

**6.2. Environmental precautions**

Retain contaminated washing water and dispose it. Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (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

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

Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

The product is: Flammable.

Vapours may form explosive mixtures with air.

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

Storage in heatable containers.

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**Further information on storage conditions**

Store in a well-ventilated place. Keep container tightly closed. Keep in a cool place. Protect from direct sunlight.  
Keep away from heat.

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

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Appropriate engineering controls**

No data available

**Protective and hygiene measures**

Do not put any product-impregnated cleaning rags into your trouser pockets. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Keep away from food, drink and animal feedingstuffs.

**Eye/face protection**

Eye glasses with side protection

**Hand protection**

Wear protective gloves. (solvent-resistant)

**Skin protection**

Wear suitable protective clothing. Material, solvent-resistant

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

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

Physical state:	Liquid
Colour:	colourless
Odour:	like: Paraffin
Odour threshold:	not determined

**Test method**

pH-Value: not determined

**Changes in the physical state**

Melting point/freezing point: not determined

Boiling point or initial boiling point and boiling range: 80 - 110 °C

Flash point: -20 °C DIN 51755

**Flammability**

Solid/liquid: not determined

**Explosive properties**

No information available.

Lower explosion limits: 0,8 vol. %

Upper explosion limits: 6,5 vol. %

Auto-ignition temperature: 250 °C

**Self-ignition temperature**

Solid: not determined

Gas: not determined

Decomposition temperature: not determined

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**Oxidizing properties**

No information available.

Vapour pressure: not determined

Density: 0,714 g/cm<sup>3</sup>

Water solubility: not determined

**Solubility in other solvents**

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic:  
(at 40 °C) < 20,5 mm<sup>2</sup>/s

Relative vapour density: not determined

Evaporation rate: not determined

Solvent content: 100 %

**9.2. Other information**

Combustible liquid.

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

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

Vapours can form explosive mixtures with air.

**10.4. Conditions to avoid**

Thermal decomposition can lead to the escape of irritating gases and vapours.

**10.5. Incompatible materials**

Alkali (lye), concentrated

Acid, concentrated

Oxidising agent, strong

**10.6. Hazardous decomposition products**

No information available.

**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.

Acute toxicity (oral) LD50: &gt; 5000 mg/kg, Rat

Acute toxicity (dermal) LD50: &gt; 2000 mg/kg, Rat

**Irritation and corrosivity**

Causes skin irritation.

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**

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

**STOT-single exposure**

May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, &lt; 5% n-hexane)

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**STOT-repeated exposure**

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

**Aspiration hazard**

May be fatal if swallowed and enters airways.

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

No information available.

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

Piscis: NOEC 1 - 10 mg/L

Crustaceae: NOEC 1 - 10 mg/L

Algae: NOEC 10 - 100 mg/L

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

Based on the n-octanol/water partition coefficient accumulation in organisms is possible.

**12.4. Mobility in soil**

The product has not been tested.

**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.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Hazardous waste according to Directive 2008/98/EC (waste framework directive).

**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**

Dispose of waste according to applicable legislation.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number:** UN 1268**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, < 5% n-hexane)**14.3. Transport hazard class(es):** 3**14.4. Packing group:** II

Hazard label: 3

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Classification code: F1  
 Special Provisions: 640C ADR664  
 Limited quantity: 1 L  
 Excepted quantity: E2  
 Transport category: 2  
 Hazard No: 33  
 Tunnel restriction code: D/E

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, < 5% n-hexane)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Classification code: F1  
 Special Provisions: 363 640C  
 Limited quantity: 1 L  
 Excepted quantity: E2

**Marine transport (IMDG)**

**14.1. UN number:** UN 1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, < 5% n-hexane)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Marine pollutant: P  
 Special Provisions: -  
 Limited quantity: 1 L  
 Excepted quantity: E2  
 EmS: F-E, S-E

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

**14.1. UN number:** UN 1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, < 5% n-hexane)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Special Provisions: A3

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Limited quantity Passenger: 1 L  
 Passenger LQ: Y341  
 Excepted quantity: E2  
 IATA-packing instructions - Passenger: 353  
 IATA-max. quantity - Passenger: 5 L  
 IATA-packing instructions - Cargo: 364  
 IATA-max. quantity - Cargo: 60 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, &lt; 5% n-hexane

**14.6. Special precautions for user**

none

**14.7. Maritime transport in bulk according to IMO instruments**

No information available.

**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

2010/75/EU (VOC): 100 % (714 g/l)

**Additional information**

Regulation (EC) No. 648/2004 (Detergents regulation)

**National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information****Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Calculation method
STOT SE 3; H336	Calculation method
Aquatic Chronic 2; H411	Calculation method

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

H225 Highly flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H336 May cause drowsiness or dizziness.  
 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.

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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.)*