

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 21.02.2023

Version: 35 (replaces version 34)

Revision: 21.02.2023

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

- **Product identifier**
- **Trade name:** JLM Underbody coating 1litre Japan label
- **Article number:** J04601
- **Relevant identified uses of the substance or mixture and uses advised against -**
- **Application of the substance / the mixture**  
 Surface protection  
 Aerosol coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 JLM Lubricants BV  
 Schiphol Boulevard 127  
 1118 BG Schiphol  
 The Netherlands  
 Tel: +31 (0)20-2014995
- **Further information obtainable from:** Research & Development: info@jlm lubricants.com
- **Emergency telephone number:** During normal business hours: Tel: +31 (0)20-2014995

## SECTION 2: Hazards identification

- **Classification of the substance or mixture**



Aerosol 1      H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



Aquatic Chronic 2 H411      Toxic to aquatic life with long lasting effects.



Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.

- **Label elements**
- **GHS label elements**  
 The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



- **Signal word** Danger
- **Hazard-determining components of labelling:**  
 Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic (< 0.1% benzene)

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Reaction mass of ethylbenzene and xylene

butanone

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes max. 5% n-hexanes

**· Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye 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.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P403 Store in a well-ventilated place.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Other hazards**
**· Results of PBT and vPvB assessment**
**· PBT:** Not applicable.

**· vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**
**· Mixtures**
**· Description:** Active substance with propellant

**· Dangerous components:**

EC number: 920-750-0 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic (< 0.1% benzene) Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336, EUH066	10-<25%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-<25%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: UK-01-1376353405-7-0007	butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	10-<25%

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EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-<10%
EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes max. 5% n-hexanes Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	2.5-<10%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35	1-methoxy-2-propanol Flam. Liq. 3, H226; STOT SE 3, H336	2.5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32	butane (containing < 0.1% butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	2.5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	1-<2.5%
CAS: 1333-86-4 EINECS: 215-609-9 Reg.nr.: 01-2119384822-32	Carbon black	0.1-<1%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol Flam. Liq. 2, H225 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	0.1-<1%

**Additional information:**

Aerosols and containers fitted with a solid atomizer containing substances or mixtures classified as hazardous by aspiration shall not be labelled for that hazard.

The text of the hazard statements mentioned here can be found in chapter 16.

### SECTION 4: First aid measures

**Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

**Extinguishing media**
**Suitable extinguishing agents:**

Water haze  
Fire-extinguishing powder  
Carbon dioxide  
Alcohol resistant foam

- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

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### SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

- **Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

- **Information about storage in one common storage facility:**

Observe official regulations on storing packagings with pressurised containers.

- **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

- **Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

#### 74-98-6 propane

OEL Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

Additioneel ingevuld tbv klant voor Hfdst3 SDS

#### 78-93-3 butanone

WEL Short-term value: 899 mg/m<sup>3</sup>, 300 ppm

Long-term value: 600 mg/m<sup>3</sup>, 200 ppm

Sk, BMGV

#### 107-98-2 1-methoxy-2-propanol

WEL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm

Long-term value: 375 mg/m<sup>3</sup>, 100 ppm

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**106-97-8 butane (containing < 0.1% butadiene (203-450-8), Note K)**

WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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**75-28-5 isobutane (containing < 0,1 % butadiene (203-450-8), Note K)**

OEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm Additioneel ingevuld obv klant voor Hfdst 3 SDS
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**1333-86-4 Carbon black**

WEL	Short-term value: 7 mg/m <sup>3</sup> Long-term value: 3.5 mg/m <sup>3</sup>
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**64-17-5 ethanol**

WEL	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
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**· DNELs**
**Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic (< 0.1% benzene)**

Oral	DNEL Long term-systemic	699 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	699 mg/kg bw/day (Consumer)
		773 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	608 mg/m <sup>3</sup> (Consumer)
		2035 mg/m <sup>3</sup> (Worker)

**78-93-3 butanone**

Oral	DNEL Long term-systemic	31 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	412 mg/kg bw/day (Consumer)
		1161 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	106 mg/m <sup>3</sup> (Consumer)
		600 mg/m <sup>3</sup> (Worker)

**Reaction mass of ethylbenzene and xylene**

Oral	DNEL Long term-systemic	1.6 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	108 mg/kg bw/day (Consumer)
		180 mg/kg bw/day (Worker)
Inhalative	DNEL Aigu-systémique	174 mg/m <sup>3</sup> (Consumer)
		289 mg/m <sup>3</sup> (Worker)
	DNEL Acute-local	289 mg/m <sup>3</sup> (Worker)
	DNEL Long term-systemic	14.8 mg/m <sup>3</sup> (Consumer)
		77 mg/m <sup>3</sup> (Worker)
	DNEL Long term-local	174 mg/m <sup>3</sup> (Consumer)
		221 mg/m <sup>3</sup> (Worker)

**Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes max. 5% n-hexanes**

Oral	DNEL Long term-systemic	1301 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	1377 mg/kg bw/day (Consumer)
Inhalative	DNEL Long term-systemic	1131 mg/m <sup>3</sup> (Consumer)
		5306 mg/m <sup>3</sup> (Worker)

**107-98-2 1-methoxy-2-propanol**

Oral	DNEL Long term-systemic	3.3 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	18.1 mg/kg bw/day (Consumer)
		50.6 mg/kg bw/day (Worker)
Inhalative	DNEL Acute-local	553.5 mg/m <sup>3</sup> (Worker)
	DNEL Long term-systemic	43.9 mg/m <sup>3</sup> (Consumer)

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		369 mg/m <sup>3</sup> (Worker)
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**· PNECs**
**Reaction mass of ethylbenzene and xylene**

PNEC Freshwater	0.327 mg/l (Undefined)
PNEC Marine water	0.327 mg/l (Undefined)
PNEC Freshwater sediment	12.64 mg/l(dry weight) (Undefined)
PNEC Soil	2.31 mg/kg (Undefined)
PNEC Sewage Treatment Plant	6.58 mg/l (Undefined)
PNEC Marine water sediment	12.64 mg/l(dry weight) (Undefined)

**107-98-2 1-methoxy-2-propanol**

PNEC Freshwater	10 mg/l (Undefined)
PNEC Freshwater sediment	41.6 mg/l(dry weight) (Undefined)
PNEC Soil	2.47 mg/kg (Undefined)

**· Ingredients with biological limit values:**
**78-93-3 butanone**

BMGV	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one
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**· Additional Occupational Exposure Limit Values for possible hazards during processing:**
**110-54-3 n-hexane**

WEL	Long-term value: 72 mg/m <sup>3</sup> , 20 ppm
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· **Additional information:** The lists valid during the making were used as basis.

**· Exposure controls**

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

General ventilation

· **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A2/P2

· **Hand protection**

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.5 mm

· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**

Safety glasses



Tightly sealed goggles

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- **Body protection:**  
Use protective suit. (EN-13034/6)  
Full skin covering antistatic, chemical and oil resistant clothing and safety shoes are recommended. (EN1149; EN340&EN ISO 13688; EN13034-6).
- **Environmental exposure controls** Use a suitable container to prevent environmental contamination.

### SECTION 9: Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Aerosol
- **Colour:** According to product specification
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Undetermined.
- **Boiling point or initial boiling point and boiling range** -44.5 °C
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** 0.7 Vol % (68920-06-9 Hydrocarbons, C7-C9, n-alkanes, isoalkanes,cyclics)
- **Upper:** ~20 Vol % (107-98-2 1-methoxy-2-propanol)
- **Flash point:** -97 °C
- **Ignition Temperature** >200 °C
- **pH** Mixture is non-polar/aprotic.
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **Dynamic:** Not determined
- **Solubility**
- **water:** Not miscible or difficult to mix.
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure at 20 °C:** 4700 hPa
- **Density and/or relative density**
- **Density at 20 °C:** 0.784 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.

- **Other information**
- **Appearance:**
- **Form:** Aerosol
- **Important information on protection of health and environment, and on safety.**
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- **Solvent content:**
- **Organic solvents:** 74.9 %
- **Solids content:** 25.2 %
- **Change in condition**
- **Evaporation rate** Not applicable.

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Extremely flammable aerosol. Pressurised container: May burst if heated.
- **Oxidising gases** Void
- **Gases under pressure** Void

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· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

### SECTION 10: Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

##### Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic (< 0.1% benzene)

Oral	LD50	>5000 mg/kg (Rat)
	LD50	>8 ml/kg (Rat)
Dermal	LD50	>3100 mg/kg (Rat)
Inhalative	LC50 (4h)	>23.3 mg/l (Rat)

##### 78-93-3 butanone

Oral	LD50	>2193 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (Rabbit) 5000 mg/kg (Rabbit)

##### Reaction mass of ethylbenzene and xylene

Oral	LD50	3523 mg/kg (Rat)
Dermal	LD50	12126 mg/kg (Rabbit)
Inhalative	LC50 (4h)	29000 mg/l (Rat)

##### Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes max. 5% n-hexanes

Oral	LD50	>2000 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)
Inhalative	LC50 (4h)	20 mg/l (Rat)

##### 107-98-2 1-methoxy-2-propanol

Oral	LD50	4016 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)
Inhalative	LC50 (4h)	28.8 mg/l (Rat)

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LC50 (6h) 27596 mg/m<sup>3</sup> (Rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **Aspiration hazard** May be fatal if swallowed and enters airways.
- **Information on other hazards**

- **Endocrine disrupting properties**

78-93-3 butanone

List II

### SECTION 12: Ecological information

- **Toxicity**

- **Aquatic toxicity:**

#### Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic (< 0.1% benzene)

NOELR (72h)	10 mg/l (Pseudokirchneriella subcapitata)
EL50 (48h)	3 mg/l (Daphnia magna)
EL50 (72h)	10-30 mg/l (Pseudokirchneriella subcapitata)
LL50 (96h)	>13.4 mg/l (Oncorhynchus mykiss)
NOEC (21 days)	0.17 mg/l (Daphnia magna)
LOEC (21 days)	0.32 mg/l (Daphnia magna)

#### 78-93-3 butanone

LC50 (96h)	2993 mg/l (Pimephales promelas)
EC50 (48h)	308 mg/l (Daphnia magna)

#### Reaction mass of ethylbenzene and xylene

NOEC	1.3 mg/l (Fish)
NOEC (7 days)	0.96 mg/l (Daphnia magna)
NOEC (72h)	0.44 mg/l (Algae)
NOEC (28 days)	16 mg/l (Bacteria)
LC50 (96h)	8.9-16.4 mg/l (Pimephales promelas)
EC50 (48h)	3.2-9.5 mg/l (Daphnia magna)

#### Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes max. 5% n-hexanes

NOELR (21d)	1 mg/l (Daphnia magna)
NOELR (28d)	2.04 mg/l (Oncorhynchus mykiss)
EL50 (48h)	3 mg/l (Daphnia magna)
LL50 (96h)	11.4 mg/l (Oncorhynchus mykiss)

#### 107-98-2 1-methoxy-2-propanol

LC50 (96h)	6812 mg/l (Fish)
EC50 (48h)	23300 mg/l (Daphnia magna)

- **Persistence and degradability** Not easily biodegradable
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **Other adverse effects**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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Do not allow product to reach ground water, water course or sewage system.  
 Danger to drinking water if even small quantities leak into the ground.  
 Harmful to aquatic organisms

### SECTION 13: Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

· <b>UN number or ID number</b> · <b>ADR, ADN, IMDG, IATA</b>	UN1950
· <b>UN proper shipping name</b> · <b>ADR, ADN</b>	UN1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
· <b>IMDG</b> · <b>IATA</b>	AEROSOLS, MARINE POLLUTANT AEROSOLS, flammable
· <b>Transport hazard class(es)</b> · <b>ADR</b>	
· <b>Class</b> · <b>Label</b>	2 5F Gases. 2.1
· <b>ADN</b> · <b>ADN/R Class:</b>	2 5F
· <b>IMDG</b>	
· <b>Class</b> · <b>Label</b>	2.1 Gases. 2.1
· <b>IATA</b>	
· <b>Class</b> · <b>Label</b>	2.1 Gases. 2.1
· <b>Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b>	Product contains environmentally hazardous substances: Yes Symbol (fish and tree)

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· <b>Special marking (ADR):</b>	Symbol (fish and tree)
· <b>Special precautions for user</b>	Warning: Gases.
· <b>Hazard identification number (Kemler code):</b>	-
· <b>EMS Number:</b>	F-D,S-U
· <b>Stowage Code</b>	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· <b>Segregation Code</b>	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· <b>Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>Transport category</b>	2
· <b>Tunnel restriction code</b>	D
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

### SECTION 15: Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Directive 2012/18/EU**
  - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
  - **Seveso category**  
P3a FLAMMABLE AEROSOLS  
E2 Hazardous to the Aquatic Environment
  - **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
  - **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
  - **National regulations:**
  - **Breakdown regulations:**
- | Class | Share in % |
|-------|------------|
| NK    | 50-<75     |
- **VOC-CH** 74.91 %
  - **VOC-EU** 587.3 g/l
  - **Danish MAL Code** 5-3

(Contd. on page 12)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 21.02.2023

Version: 35 (replaces version 34)

Revision: 21.02.2023

**Trade name: JLM Underbody coating 1litre Japan label**

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· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· **Classification according to Regulation (EC) No 1272/2008**

Physical and chemical properties: The classification is based on the results of the mixtures tested. Health hazards, Environmental hazards: The method of classification of mixtures based on the constituents of the mixture (sum formula).

· **Department issuing SDS:**

Produktsicherheit  
Research & Development

· **Contact:** info@jlm lubricants.com

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organisation  
ADR: Accord relatif au transport international 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  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)  
DNEL: Derived No-Effect Level (UK REACH)  
PNEC: Predicted No-Effect Concentration (UK REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Gas 1A: Flammable gases – Category 1A  
Aerosol 1: Aerosols – Category 1  
Press. Gas (Comp.): Gases under pressure – Compressed gas  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· **\* Data compared to the previous version altered. \***