

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.08.2018

Version number 2

Revision: 28.08.2018

### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product Identifier:

**Trade name:** #J06055 Engine Oil Stop Leak

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

**Product category:** PC0 Other

**Application of the substance / the mixture:** Fuel Additive.

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

**Manufacturer / Importer / Supplier:**

**JLM Lubricants B.V.**

Schiphol Boulevard 127

1118 BG Schiphol

Tel.: +31 (0)20 201 4995

Email: info@jlm lubricants.com

www.jlm lubricants.com

**Further information obtainable from:** Product safety department.

#### 1.4 Emergency telephone number:

Tel.: +31 (0) 20 201 4995

This telephone number can be reached during office hours.

### SECTION 2: Hazards Identification

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

**Classification according to Regulation (EC) No 1272/2008:** The substance is not classified, according to the CLP regulation.

#### 2.2 Label elements:

**Labelling according to Regulation (EC) No 1272/2008:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

#### Additional information:

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards:

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.


**vPvB:** Not applicable.

### SECTION 3: Composition/Information on Ingredients

#### 3.2 Chemical characterisation: Mixtures:

**Description:** Mixture of substances listed below, possibly with non-hazardous additions.

#### Components:

CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate	 Flam. Liq. 3, H226	≤2.5%
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**Additional information:** For the wording of the listed hazard phrases See section 16.

### SECTION 4: First Aid Measures

#### 4.1 Description of first aid measures:

##### General information:

No special measures required.

Take affected persons out of danger area and lay down.

**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 (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

**After ingestion:** If symptoms persist consult doctor.

**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

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### SECTION 5: Firefighting Measures

**5.1 Extinguishing media:**
**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water spray

**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

**5.3 Advice for firefighters:**
**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Cool endangered tanks with water spray.

### SECTION 6: Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 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

**7.1 Precautions for safe handling:** No special measures required.

**Information about fire and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities:** Storage must comply with the local regulations.

**Storage:**
**Requirements to be met by storerooms and tanks:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

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

### SECTION 8: Exposure Controls/Personal Protection

**Additional information about design of technical facilities:** No further data; see section 7.

**8.1 Control parameters:**
**Ingredients with limit values that require monitoring at the workplace:**
**108-65-6 2-methoxy-1-methylethyl acetate**

WEL (Great Britain) Short-term value: 548 mg/m<sup>3</sup>, 100 ppm

Long-term value: 274 mg/m<sup>3</sup>, 50 ppm

Sk

IOELV (EU)

Short-term value: 550 mg/m<sup>3</sup>, 100 ppm

Long-term value: 275 mg/m<sup>3</sup>, 50 ppm

Skin

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls**
**Personal protective equipment:**
**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:**

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**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.

**Penetration time of glove material:**

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

**For the permanent contact gloves made of the following materials are suitable:** PVA gloves

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**For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Fluorocarbon rubber (Viton)

**Eye protection:** Goggles recommended during refilling

**Body protection:** Anti-static clothing

**Limitation and supervision of exposure into the environment:** Prevent spills from reaching surface waters or soil.

### SECTION 9: Physical and Chemical Properties

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

##### General Information:

##### Appearance:

<b>Form:</b>	Liquid.
<b>Colour:</b>	Light yellow
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not determined.

##### Change in condition

<b>Melting point/freezing point:</b>	Not determined.
<b>Initial boiling point and boiling range:</b>	Undetermined.

**Flash point:** >201 °C

**Flammability (solid, gas):** Not applicable.

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Product is not self-igniting.

**Explosive properties:** Product does not present an explosion hazard.

##### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapour pressure:** Not determined.

**Density at 15 °C:** 0.882 g/cm<sup>3</sup>

**Relative density:** Not determined.

**Vapour density:** Not determined.

**Evaporation rate:** Not determined.

##### Solubility in / Miscibility with:

<b>Water:</b>	Fully miscible.
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**Partition coefficient: n-octanol/water:** Not determined.

##### Viscosity:

<b>Dynamic:</b>	Not determined.
<b>Kinematic at 40 °C:</b>	>580 mm <sup>2</sup> /s

##### Solvent content:

<b>Oxidizing properties:</b>	Does not contain oxidizing properties.
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**9.2 Other information:** No further relevant information available.

### SECTION 10: Stability and Reactivity

**10.1 Reactivity:** Reacts violently with oxidizing agents, strong acids and strong bases.

**10.2 Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:** No dangerous reactions known.

**10.4 Conditions to avoid:** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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### SECTION 11: Toxicological Information

#### 11.1 Information on toxicological effects:

**Acute toxicity:** Based on available data, the classification criteria are not met.

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

##### ATE (Acute Toxicity Estimates)

Inhalative	LC50/4 h	7.37 mg/l (Rat)
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#### 108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	8,532 mg/kg (Rat)
Inhalative	LC50/4 h	35.7 mg/l (Rat)

#### Primary irritant effect:

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

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

**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

#### CMR effects (carcinogenic, mutagenic and reprotoxic):

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

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

**Reprotoxicity:** 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.

### SECTION 12: Ecological Information

#### 12.1 Toxicity:

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability:** No further relevant information available.

**12.3 Bioaccumulative potential:** No further relevant information available.

**12.4 Mobility in soil:** No further relevant information available.

#### Additional ecological information:

##### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5 Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

### SECTION 13: Disposal Considerations

#### 13.1 Waste treatment methods:

**Recommendation:** Smaller quantities can be disposed of with household waste.

#### Contaminated packaging:

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport Information

#### 14.1 UN-Number:

ADR/RID/ADN, IMDG, IATA

Void

#### 14.2 UN proper shipping name:

ADR/RID/ADN, IMDG, IATA

Void

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<b>14.3 Transport hazard class(es):</b>	
<b>ADR/RID/ADN, IMDG, IATA</b>	
<b>Class:</b>	Void
<b>14.4 Packing group:</b>	
<b>ADR/RID/ADN, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user:</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory Information

#### 15.1 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 are listed.

**National regulations:**
**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

### SECTION 16: Other Information

This information is based on our present knowledge. This shall not constitute a guarantee for any properties of the product and shall not establish a legally valid contractual relationship.

#### Relevant phrases:

H226 Flammable liquid and vapour.

**Training hints:** Take care of good information, instruction and training for users.

#### Abbreviations and acronyms:

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie 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)

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

GHS: Globally Harmonised 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 (Division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

mPa.s: milliPascal per second

Flam. Liq. 3: Flammable liquids – Category 3

#### References:

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
**Revisions were made in sections marked with \*.**

#### Disclaimer:

The information provided in this Material Safety Data Sheet has been prepared with the utmost care and corresponds to the most recent information available to the supplier on the date of publication mentioned in the header of every page. The contents of this Material Safety Data Sheet should not be considered as a guarantee for certain product properties or fitness for particular purposes. It is the obligation of the user to determine whether the product is suitable for the specific purpose, intended use and the method of application. This Safety Data Sheet only relates to the product described and does not apply to any not defined use or the use of the product in combination with other materials, substances or products. It is the responsibility of the user to use and handle the product with care and to comply with all applicable laws and regulations. The supplier accepts no liability for direct or indirect damages resulting from improper use of this Material Safety Data Sheet and / or the products described therein.