Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.07.2021 Version number 2 (replaces version 1) Revision: 06.07.2021

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

1.1 Product Identifier:

Trade name: JLM Petrol Hybrid Treatment 250ml #J03195

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.
Professional use only
1.3 Details of the supplier of the safety data sheet:
Manufacturer / Importer / Supplier:

JLM Lubricants B.V.

Schiphol Boulevard 127

1118 BG Schiphol

Email: info@jlmlubricants.com

www.jlmlubricants.com

Further information obtainable from: Product safety department.
1.4 Emergency telephone number:

+31 (0)20 201 4995
This telephone number can be reached during office hours.

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:
Classification according to Regulation (EC) No 1272/2008:

health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements:
Labelling according to Regulation (EC) No 1272/2008: The product is classified and labelled according to the CLP regulation.
Hazard pictograms: GHS08
Signal word: Danger

Hazard-determining components of labelling:
Naphtha (petroleum), hydrotreated heavy
Hydrocarbons C10,
Hazard statements:
H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.
Precautionary statements:
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
2.3 Other hazards:
Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description:
Mixture of substances specified below, possibly with non-hazardous additions or with components whose concentration is lower than the classification values..

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Components:		
CAS: 64742-48-9 EC number: 918-481-9 Index number: 649-327-00-6 Reg.nr.: 01-2119457273-39	Naphtha (petroleum), hydrotreated heavy Asp. Tox. 1, H304	50-100%
	Hydrocarbons C10, Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	≤2.5%
CAS: 91-20-3 EINECS: 202-049-5 Index number: 601-052-00-2 Reg.nr.: Compliant	naphthalene Carc. 2, H351; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302	<1%

Ingredients according to detergents regulation (EC nr. 648/2004):	
aromatic hydrocarbons	<5%

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:
Persons, providing assistance, should avoid exposure and danger for themselves or others.
Take affected persons out of danger area and lay down.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
After inhalation:
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Seek medical treatment in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.
After skin contact:
Take off contaminated clothing immediately and wash the skin with plenty of water (possibly showering).
Do NOT use solvents or thinners.
After eye contact:
If possible, remove contact lenses.
Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.
After ingestion:
Rinse mouth with plenty of water.
Do not induce vomiting; call for medical help immediately.
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:
After ingestion of the liquid, droplets of the product may enter the lungs (aspiration), whereby pneumonia can occur.

SECTION 5: Firefighting measures

5.1 Extinguishing media:
Suitable extinguishing agents: CO2, powder, foam or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents: Water with full jet
5.2 Special hazards arising from the substance or mixture:
Carbon monoxide (CO)
Carbon dioxide (CO2)
Keep dust/vapour clouds away from possible ignition points.
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:
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Avoid breathing vapor and contact with eyes, skin and clothing.
6.2 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.

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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).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

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:

Handle in accordance with good industrial hygiene and safety procedures.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid inhalation of vapors and contact with eyes, skin and clothing.

Wear appropriate personal protective equipment. (See section 8)

Do not eat, drink or smoke while working.

Information about fire and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Observe the general rules for fire prevention.

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:

Store only in the original receptacle.

Keep in a cool, dry place, protected from direct sunlight.

All hazardous products m``st be placed above a sump pallet.

Information about storage in one common storage facility: Store away from oxidising agents.

Further information about storage conditions:

Protect from heat and direct sunlight.

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:	
91-20-3 naphthalene	
IOELV (EU)	Long-term value: 30 mg/m³, 10 ppm

DNELs		
91-20-3 naphthalene		
Dermal	Long-term - systemic effects	3.57 mg/kg bw/day (Worker)
Inhalative	Long-term - local effects	25 mg/m3 (Worker)
	Long-term - systemic effects	25 mg/m3 (Worker)

PNECs	
91-20-3 naphthalene	
Fresh water	0.0024 mg/l
Marine water	0.00024 mg/l
STP	2.9 mg/l
Fresh water sediment	0.0672 mg/kg
Marine sediment	0.0672 mg/kg
Soil	0.0533 mg/kg

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

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

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Technical measures:
In the immediate vicinity of any potential exposure source, eye wash stations and emergency showers should be available.
Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not eat, drink, smoke or sniff while working.
Keep away from food, drink and animal foodstuff.
Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Filter AX
Hand protection


Protective gloves

Use protective gloves to EN ISO 374-1
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.
Gloves Neo-Nitrile™ 300 – AQL or 0.65 (level 3). Thickness-0.35 mm.
Penetration time of glove material:
Value for the permeation: Level ≤ >120
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye/face protection
Goggles recommended during refilling
Use safety glasses that meets the requirements of EN 166; latest versions.
Body protection: Anti-static clothing
Environmental exposure controls 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:	
Colour:	Light brown
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range	>150 °C
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	0.6 Vol % (64742-48-9 Naphtha (petroleum), hydrotreated heavy)
Upper:	7.0 Vol % (64742-48-9 Naphtha (petroleum), hydrotreated heavy)
Flash point:	>61 °C
Auto-ignition temperature:	Product is not self-igniting.
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
Water:	Insoluble.
Refraction Index:	
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	1 hPa (64742-48-9 Naphtha (petroleum), hydrotreated heavy)
Density and/or relative density	
Density at 20 °C:	0.797 g/cm³

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Relative density:	Not determined.
Vapour density:	Not determined.
9.2 Other information:	
Appearance:	
Form:	Liquid.
Important information on protection of health and environment, and on safety.	
Ignition temperature:	> 200 °C
Explosive properties:	Product does not present an explosion hazard.
Oxidizing properties:	Does not contain oxidizing properties.
Congealing Point	
Evaporation rate:	Not determined.
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
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

10.1 Reactivity: Reacts with oxidants.
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:
Direct sunlight
Heat
Sparks-Open fire
10.5 Incompatible materials: Oxidizing Agents
10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

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SECTION 11: Toxicological information

11.1 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:		
64742-48-9 Naphtha (petroleum), hydrotreated heavy		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>3,160 mg/kg (Rabbit)
Inhalative	LC50/4 h	21 mg/l (Rat)
Hydrocarbons, C9, Aromatics		
Oral	LD50	3,592 mg/kg (Rat)
Dermal	LD50	>3,160 mg/kg (rbt)
Inhalative	LC50/4 h	6,193 mg/l (Rat)

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91-20-3 naphthalene		
Oral	LD50	490 mg/kg (Rat)
Dermal	LD50	5,000 mg/kg (Rat)
Inhalative	LC50/4 h	>100 mg/l (Rat)

Skin corrosion/irritation: Prolonged or repeated contact may dry skin and cause irritation.
Serious eye damage/irritation: Contact with eyes may cause irritation.
Inhalaton: Inhalation of mist may cause irritation to the respiratory system.
Respiratory or skin sensitization: Based on available data, the classification criteria are not met.
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:
May be fatal if swallowed and enters airways.
11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

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SECTION 12: Ecological information

12.1 Toxicity:

Aquatic toxicity:	
64742-48-9 Naphtha (petroleum), hydrotreated heavy	
LC50/96h	2,200 mg/l (Pimephales promelas)
EC50/48h	2.6 mg/l (Chaetogammarus marinus)
Hydrocarbons, C9, Aromatics	
NOELR/72h (dynamic)	1 mgl (Pseudokirchneriella subcapitata) (Data for similar products)
LL50/96h	9.2 mg/l (Oncorhynchus mykiss) (Data for similar products)
EL50/48H	3.2 mg/l (Daphnia Magna) (Data for similar products)
91-20-3 naphthalene	
LC50/96h	0.5 mg/l (Fish)

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.
12.5 Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.
12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects:
Remark: Harmful to fish
Additional ecological information:
General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

SECTION 13: Disposal considerations

13.1 Waste treatment methods:
Recommendation:
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Contaminated packaging:
Recommendation:
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning by a licensed recycling company.
Disposal must be made according to official regulations.

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SECTION 14: Transport information

14.1 UN number or ID number
ADR/RID/ADN, IMDG, IATA Void
14.2 UN proper shipping name:
ADR/RID/ADN, IMDG, IATA Void
14.3 Transport hazard class(es):

ADR/RID/ADN, IMDG, IATA
Class: Void
14.4 Packing group:
ADR/RID/ADN, IMDG, IATA Void
14.5 Environmental hazards:
Marine pollutant: No
14.6 Special precautions for user: Not applicable.
14.7 Maritime transport in bulk according to IMO instruments Not applicable.
UN "Model Regulation": 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

Relevant phrases:
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
Training hints: Take care of good information, instruction and training for users.

Department issuing SDS: Environment protection department.
Date of previous version: 31.05.2021
Version number of previous version: 1
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 relatif au transport international 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)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
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
Acute Tox. 4: Acute toxicity – Category 4
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1

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Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – 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

Disclaimer:

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