

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

- **1.1 Product identifier**
- **Trade name:** Yamalube Chain Cleaning Spray
- **Article number:** YMD-65049-A0-31
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Void
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Yamaha Motor Europe N.V.
Koolhovenlaan 101
NL-1119 NC Schiphol-Rijk
Tel.: +31 (0) 20 6546000
Fax: +31 (0) 20 6546565
www.yamaha-motor.eu
P&Acustomersupport@yamaha-motor.nl
- **Further information obtainable from:** Nationaal Vergiftigingen Informatie Centrum Utrecht
- **1.4 Emergency telephone number:** +31 (0) 30 2748888

SECTION 2: Hazards identification

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



GHS02 flame

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



GHS09 environment

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



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R41: Risk of serious damage to eyes.



F+; Extremely flammable

R12: Extremely flammable.



N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66-67: Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

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Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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 GHS02, GHS07, GHS09

Signal word Danger

Hazard-determining components of labelling:

Naphtha (petroleum), hydrodesulfurized heavy

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.

P251 Do not pierce or burn, even after use.

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

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

P260 Do not breathe spray.

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

P405 Store locked up.

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.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards
Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients
3.2 Mixtures

Description: Mixture of the substances with nonhazardous additions.

Dangerous components:

CAS: 64742-82-1 EC number: 919-446-0 Reg.nr.: 01-2119458049-33-XXXX	Naphtha (petroleum), hydrodesulfurized heavy Xn R65; N R51/53 R10-66-67 Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	30-40%
CAS: 106-97-8 EINECS: 203-448-7	butane F+ R12 Flam. Gas 1, H220; Press. Gas, H280	10-<20%

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CAS: 74-98-6 EINECS: 200-827-9	propane F+ R12 Flam. Gas 1, H220; Press. Gas, H280	10-<20%
	fatty alcohol,ethoxylated Xn R22; Xi R41 Eye Dam. 1, H318; Acute Tox. 4, H302	<5%
CAS: 577-11-7 EINECS: 209-406-4 Reg.nr.: 01-2119491296-29-0007	docusate sodium Xi R38-41 Eye Dam. 1, H318; Skin Irrit. 2, H315	<10%

· SVHC None

· **Additional information:** For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures**· **4.1 Description of first aid measures**· **General information:**

Take affected persons out into the fresh air.

If symptoms persist consult doctor.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:**

Generally the product does not irritate the skin.

Rinse with warm water.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

· **After swallowing:** 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.

· **Hazards** If swallowed or in case of vomiting, danger of entering the lungs.· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures· **5.1 Extinguishing media**· **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fire with alcohol resistant foam.· **For safety reasons unsuitable extinguishing agents:** Water with full jet· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

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

Cool endangered receptacles with water spray.

Danger of bursting.

SECTION 6: Accidental release measures· **6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from ignition sources.

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Do not allow to penetrate the ground/soil.

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- Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **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**
Use only in well ventilated areas.
Avoid contact with skin and eyes.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Pressurized 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.
Do not spray onto a naked flame or any incandescent material.
- **7.2 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 pressurized containers.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in a cool place.
Protect from heat and direct sunlight.
- **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 item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

577-11-7 docusate sodium

Dermal	DNEL local effects (long-term)	31,3 mg/kg KG/Tag (Worker)
Inhalative	DNEL system. effects (long-term)	44,1 mg/m ³ (Worker)

· **PNECs**

577-11-7 docusate sodium

PNEC	0,0007 mg/l (Meerwasser)
	0,0066 mg/l (fresh water)

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.

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- Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Use skin protection cream for skin protection.
- **Respiratory protection:** Not necessary if room is well-ventilated.
 - **Protection of hands:** Not required.
 - **Material of gloves:** Not required.
 - **Penetration time of glove material:** Not required.
 - **Eye protection:** Not required.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Aerosol

Colour: Clear

· Odour: Characteristic

· Odour threshold: Not determined

· pH-value: Void

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: -44 °C

· Flash point: -97 °C

· Ignition temperature: 365 °C

· Self-igniting: Product is not selfigniting.

· **Danger of explosion:** Heating may cause an explosion.
In use, may form flammable/explosive vapour-air mixture.

· Explosion limits:

Lower: 1,5 Vol %

Upper: 10,9 Vol %

· Vapour pressure at 20 °C: 8300 hPa

· Density: Not determined.

· Solubility in / Miscibility with

water: Not miscible or difficult to mix.

· Viscosity:

Dynamic: Not determined

Kinematic: Not determined

· 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity: No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions: Reacts with strong oxidizing agents.

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

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- **10.5 Incompatible materials:** Store away from oxidizing agents.
- **10.6 Hazardous decomposition products:**
No decomposition if used and stored according to specifications.
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

Oral	LD50	> 15000 mg/kg (rat) (OECD 401)
Dermal	LD50	3400 mg/kg (rat) (OECD 402)
Inhalative	LC50	13100 mg/l (rat) (OECD 403)

106-97-8 butane

Inhalative	LC50/4 h	658 mg/l (rat)
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fatty alcohol,ethoxylated

Oral	LD50	> 10000 mg/kg (rat)
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577-11-7 docusate sodium

Oral	LD50	1900 mg/kg (rat)
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- **Specific symptoms in biological assay:** Not determined
- **Primary irritant effect:**
- **on the skin:**
Irritant to skin and mucous membranes.
Repeated exposure may cause skin dryness or cracking.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

EC50/48h	10 mg/l (daphnia magna) (OECD 202)
EC50/72h	4,6 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	10 mg/l (oncorhynchus mykiss) (OECD 203)

fatty alcohol,ethoxylated

EC10/5h	>1900 mg/l (Pseudomonas putida) (O2-Konsumptionstest)
EC50/48h	2,5 mg/l (daphnia magna)

- **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.
- **Ecotoxic effects:**
- **Remark:** Toxic for fish

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- **Additional ecological information:**

- **General notes:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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

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

Toxic for aquatic organisms

- **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** Disposal must be made according to official regulations.

- **European waste catalogue**

16 05 04* gases in pressure containers (including halons) containing dangerous substances

- **Uncleaned packaging:**

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

SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, IMDG, IATA** UN1950

- **14.2 UN proper shipping name**

- **ADR** 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
- **IMDG** AEROSOLS (Naphtha (petroleum), hydrodesulfurized heavy), MARINE POLLUTANT
- **IATA** AEROSOLS, flammable

- **14.3 Transport hazard class(es)**

- **ADR**
- **Class** 2 5F Gases.
- **Label** 2.1

- **IMDG, IATA**

- **Class** 2.1
- **Label** 2.1

- **14.4 Packing group**

- **ADR, IMDG, IATA** Void

- **14.5 Environmental hazards:**

Product contains environmentally hazardous substances:
Naphtha (petroleum), hydrodesulfurized heavy

- **Marine pollutant:**

Yes
Symbol (fish and tree)

- **Special marking (ADR):**

Symbol (fish and tree)

- **14.6 Special precautions for user**

Warning: Gases.

- **Danger code (Kemler):**

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· EMS Number:	F-D,S-U
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Transport category	2
· Tunnel restriction code	D
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN1950, AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.1

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has 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.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

- R10 Flammable.
- R12 Extremely flammable.
- R22 Harmful if swallowed.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

- **Abbreviations and acronyms:**

- Flam. Gas 1: Flammable gases, Hazard Category 1
- Flam. Aerosol 1: Flammable aerosols, Hazard Category 1
- Press. Gas: Gases under pressure: Compressed gas
- Flam. Liq. 3: Flammable liquids, Hazard Category 3
- Acute Tox. 4: Acute toxicity, Hazard Category 4
- Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

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Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Asp. Tox. 1: Aspiration hazard, Hazard Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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

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