

SAFETY DATA SHEET

YAMALUBE 15WT FORK OIL

Infosafe No.: LQ8PZ
ISSUED Date : 06/03/2018
ISSUED by: YAMAHA MOTOR AUSTRALIA

1. IDENTIFICATION

GHS Product Identifier

YAMALUBE 15WT FORK OIL

Product Code

YMD-65049-01-42

Company Name

YAMAHA MOTOR AUSTRALIA

Address

489-493 Victoria Street Wetherill Park
NSW 2164 AUSTRALIA

Emergency phone number

1800 638 556 (Australia)
+64 96239085 (New Zealand)

Recommended use of the chemical and restrictions on use

Fluid for fork

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 2A

Hazardous to the Aquatic Environment - Acute Hazard: Category 2

Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2

Signal Word (s)

WARNING

Hazard Statement (s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Pictogram (s)

Exclamation mark, Environment

**Precautionary statement – Prevention**

P264 Wash contaminated skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P391 Collect spillage.

Precautionary statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

| Name | CAS | Proportion |
|---|------------|------------|
| Oleylamine | 112-90-3 | 0-<1 % |
| 2,6-Di-Tert-Butylphenol | 128-39-2 | 0-<1 % |
| 9-Octadecenoic acid, (Z)-, compound with (Z)-N-9-octadecenyl-1,3-propanediamine | 40027-38-1 | 0-<1 % |
| Ingredients determined not to be hazardous. | | Balance |

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

Skin

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities

Eye wash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry agent, foam, carbon dioxide.

Unsuitable Extinguishing Media

High volume water jet.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific Hazards Arising From The Chemical

This product will readily burn under fire conditions.

Hazchem Code

•3Z

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene by washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 (2017)- The storage and handling of flammable and combustible liquids.

Storage Regulations

Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940 (2017).

Storage Temperatures

Store between 5°C and 40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715 (2009), Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716 (2012), Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 2 & 6 (2012) - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material such as (Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))). Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1 (2016): Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Liquid

Colour

Amber

Odour

Not available

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

Not available

Solubility in Water

Insoluble.

Specific Gravity

< 1

pH

Not available

Vapour Pressure

Not available

Vapour Density (Air=1)

Not available

Evaporation Rate

Not available

Odour Threshold

Not available

Viscosity

63.2 mm²/s (40°C)

Partition Coefficient: n-octanol/water

Not available

Flash Point

PE > 100°C.

Flammability

Not flammable

Auto-Ignition Temperature

Not available

Flammable Limits - Lower

Not available

Flammable Limits - Upper

Not available

10. STABILITY AND REACTIVITY

Reactivity

Reacts with incompatibles.

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, flames, sparks and other ignition sources.

Incompatible materials

Strong oxidising agents.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: carbon dioxide and carbon monoxide.

Possibility of hazardous reactions

Reacts with incompatibles.

Hazardous Polymerization

Not available

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data available for this material. Data available for ingredients is given below.

Acute Toxicity - Oral

9-Octadecenoic acid, (Z)-, compound with (Z)-N-9-octadecenyl-1,3-propanediaminem (CAS 40027-38-1)

300 < LD50 <= 2000 mg/kg

Species : Rat

OECD 423

2,6-di-tert-butylphenol (CAS 128-39-2)

LD50(Rat): > 5000 mg/kg

Oleylamine (CAS 112-90-3)
300 < LD50 <= 2000 mg/kg
Species : Rat

Acute Toxicity - Dermal

2,6-di-tert-butylphenol (CAS 128-39-2)
LD50(Rabbit): > 5000 mg/kg

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin

Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

9-Octadecenoic acid, (Z)-, compound with (Z)-N-9-octadecenyl-1,3-propanediaminem (CAS 40027-38-1)
Corrosivity : Causes severe skin burns.

Eye

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Respiratory sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ cell mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT-single exposure

Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Persistence and degradability

9-Octadecenoic acid, (Z)-, compound with (Z)-N-9-octadecenyl-1,3-propanediaminem (CAS 40027-38-1)
Rapidly degradable.

Oleylamine (CAS 112-90-3)
Rapidly degradable.

2,6-di-tert-butylphenol (CAS 128-39-2)
No degradability data is available, the substance is considered as not degrading quickly.

Mobility

Not very mobile in soil.
The product is insoluble in water and will spread on the surface

Bioaccumulative Potential

Oleylamine (CAS 112-90-3)

BCF >= 500.

Other Adverse Effects

Not available

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

Acute Toxicity - Fish

Oleylamine (CAS 112-90-3)

0.01 < LC50 <= 0.1 mg/l

Factor M = 10

Species : Pimephales promelas

OCED 203

2,6-di-tert-butylphenol (CAS 128-39-2)

LC50 >= 1.4 mg/l/96h

NOEC = 0.43 mg/l/14 hours

Acute Toxicity - Daphnia

9-Octadecenoic acid, (Z)-, compound with (Z)-N-9-octadecenyl-1,3-propanediaminem (CAS 40027-38-1)

EC50(Daphnia sp.): > 0.01 mg/l/48h

OECD 202

Oleylamine (CAS 112-90-3)

0.01 < EC50 <= 0.1 mg/l

Factor M = 10

Species : Daphnia magna

OECD 202

2,6-di-tert-butylphenol (CAS 128-39-2)

EC50 (Daphnia magna) = 0.45 mg/l/48 h

Acute Toxicity - Algae

Oleylamine (CAS 112-90-3)

0.01 < ECr50 <= 0.1 mg/l

Factor M = 10

Species : Desmodesmus subspicatus

2,6-di-tert-butylphenol (CAS 128-39-2)

ECr50 = 1.2 mg/l/72h

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information

Road and Rail transport (ADG):

This material is classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods

Class 9: Miscellaneous substances Dangerous Goods are incompatible in a placard load with any of the following:

Class 1: Explosives (when the class 9 substance is a fire risk substance) Division 5.1: Oxidising substances (when the class 9 substance is a fire risk substance) and

Division 5.2: Organic peroxides (when the class 9 substance is a fire risk substance)

Note: Special Provision AU01:

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when

transported by road or rail in:
packagings that do not incorporate a receptacle exceeding 500 kg(L); or
IBCs

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 3082

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Oleylamine) - MARINE POLLUTANT

DG Class: 9

Packaging Group: III

EMS No.: F-A, S-F

Special provisions: 274, 335, 969

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 3082

Proper Shipping Name: : Environmentally hazardous substance, liquid, n.o.s. (Contains Oleylamine)

Class: 9

Packing Group: III

Hazard Label: Miscellaneous

Packing Instruction: 964 (For passenger and cargo aircraft)

Packing Instruction: 964 (For cargo aircraft only)

Special provisions: A97, A158, A197

U.N. Number

3082

UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Contains Oleylamine)

Transport hazard class(es)

9

Packing Group

III

Hazchem Code

•3Z

IERG Number

47

IMDG Marine pollutant

Yes

Transport in Bulk

Not available

Special Precautions for User

Not available

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS created: March 2018

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

END OF SDS

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