

SAFETY DATA SHEET

YAMALUBE WEATHER PROTECTION SPRAY 300ML

Infosafe No.: LQ2J6
ISSUED Date : 19/12/2018
ISSUED by: YAMAHA MOTOR AUSTRALIA

1. IDENTIFICATION

GHS Product Identifier

YAMALUBE WEATHER PROTECTION SPRAY 300ML

Product Code

YMD-65049-A0-51

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

Maintenance product

Other Names

Name	Product Code
WEATHER PROTECTION SPRAY 300ML (6)	YMD-65049-A0-51

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)

Flammable Aerosol: Category 1

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

Skin Corrosion/Irritation: Category 2

STOT Single Exposure: Category 3 (narcotic)

Signal Word (s)

DANGER

Hazard Statement (s)

H222 Extremely flammable aerosol.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Pictogram (s)

Flame, Environment, Exclamation mark



Precautionary statement – Prevention

- P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Pressurized container: Do not pierce or burn, even after use.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 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.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362 Take off contaminated clothing and wash before reuse.
 P391 Collect spillage.

Precautionary statement – Storage

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary statement – Disposal

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

Other Information

Note: Pressurised container may burst if heated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC 919-446-0)	64742-82-1	25-50 %
Propane	74-98-6	10-<20 %
Butane	106-97-8	10-<20 %
Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine	91770-03-5	5-<10 %
Naphthalenesulfonic acid, dinonyl-, zinc salt	28016-00-4	3-5 %
Ingredients determined not to be hazardous.		Balance

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

Unlikely due to form of product. If ingestion occurs, do not induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally have affected person place head below hip level in order to reduce risk of aspiration. 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. If symptoms develop and/or persist seek medical attention.

First Aid Facilities

Eyewash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

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

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Fire-extinguishing powder, Carbon dioxide, Water haze Foam.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

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

Specific Hazards Arising From The Chemical

Contents under pressure - cans can explode in a fire. This product is extremely flammable. Keep containers and fire-exposed surfaces cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

Hazchem Code

2YE

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

Extinguish or remove all sources of ignition and stop leak if safe to do so. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. Place inert, Non-combustible absorbent material onto spillage. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Collect residues and seal in labelled drums for disposal. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

EXTREMELY FLAMMABLE. VAPOUR OR GAS REDUCES OXYGEN FOR BREATHING. IN CONFINED SPACES MAY CAUSE ASPHYXIATION. Wear appropriate personal protective equipment and clothing to prevent exposure. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. DO NOT store or use in confined spaces. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Build up of mists or vapours in the atmosphere must be prevented. Do NOT cut or heat containers as they may contain hazardous residues. Do not smoke. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Do not expose can to temperatures exceeding 50°C. Protect containers against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Content is under pressure and can explode violently. 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 AS 2278.1 Non-refillable metal aerosol dispensers of capacity 50 mL to 1000 mL inclusive.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

Butane

TWA: 800ppm, 1900 mg/m³

Propane

Notes: Asphyxiant

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Source: Safe Work Australia

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.

Before entering a confined space where Butane, Propane are present, check to make sure sufficient Oxygen (19.5%) exists. Refer to relevant regulations for further information concerning ventilation requirements.

Refer to AS 2865 Australian Standard Safe working in a confined space, 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 vapour/mist filter should be used.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, 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 (series) - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

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

Other Information

No exposure standards have been established for this material, however, the TWA exposure standards for refined mineral oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Source: Safe Work Australia

Butane, Propane are asphyxiant gases which when present in an atmosphere in high concentration, lead to reduction of oxygen concentration by displacement or dilution. It is not appropriate to recommend an exposure standard for each simple asphyxiant, rather it should be required that a sufficient oxygen concentration be maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Aerosol - Liquid

Appearance

Aerosol

Colour

Light brown

Odour

Characteristic

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

-44°C

Solubility in Water

Not miscible or difficult to mix.

Specific Gravity

Not available

pH

Void

Vapour Pressure

8300 hPa (20°C)

Vapour Density (Air=1)

Not available

Evaporation Rate

Not available

Odour Threshold

Not available

Viscosity

Not available

Volatile Component

Not available

Partition Coefficient: n-octanol/water

Not available

Flash Point

-97°C

Flammability

Extremely flammable

Auto-Ignition Temperature

365°C

Flammable Limits - Lower

1.5 Vol %

Flammable Limits - Upper

10.9 Vol %

Other Information

In use, may form flammable/explosive vapour-air mixture.

10. STABILITY AND REACTIVITY

Reactivity

Reacts with incompatibles.

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, flames and other sources of ignition. Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Incompatible materials

Strong oxidising agents.

Hazardous Decomposition Products

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

Possibility of hazardous reactions

Reacts with incompatibles.

Hazardous Polymerization

Not available

11. TOXICOLOGICAL INFORMATION

Toxicology Information

Toxicity data for material given below.

Acute Toxicity - Oral

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC 919-446-0)

LD50(rat): > 15000 mg/kg (OECD 401)

Naphthalenesulfonic acid, dinonyl-, zinc salt (28016-00-4)

LD50(rat): >2000 mg/kg

Acute Toxicity - Inhalation

Butane (106-97-8)

LC50(rat): 658 mg/l/4h

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC 919-446-0)
LC50(rat): 13100 mg/l (OECD 403)

Acute Toxicity - Dermal

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC 919-446-0)
LD50 (rat): 3400 mg/kg (OECD 402)

Naphthalenesulfonic acid, dinonyl-, zinc salt (28016-00-4)
LD50 (rabbit): >20000 mg/kg

Ingestion

Unlikely due to form of product. If ingestion occurs, may cause lung damage if swallowed. Subsequent to ingestion or vomiting, small amounts of liquid aspirated into the respiratory system may cause severe pulmonary injury that may lead to death. May also cause irritation to the gastrointestinal system. Symptoms may include nausea, vomiting, diarrhoea and abdominal pain.

Inhalation

May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea and vomiting.

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.

Eye

May be irritating to eyes. On eye contact this product may 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.

Petroleum solvents are listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ through repeated or prolonged exposure.

Aspiration Hazard

Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Persistence and degradability

Not available

Mobility

Not available

Bioaccumulative Potential

Not available

Environmental Protection

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

Acute Toxicity - Fish

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC 919-446-0)
LC50(oncorhynchus mykiss): 10 mg/l/96h (OECD 203)

Acute Toxicity - Daphnia

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC 919-446-0)
EC50(daphnia magna): 10 mg/l/48h (OECD 202)

Acute Toxicity - Algae

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC 919-446-0)
EC50(Pseudokirchneriella subcapitata): 4.6 mg/l/72h

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not pierce, burn, cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste. Advise flammable nature.

14. TRANSPORT INFORMATION

Transport Information

Road and Rail Transport (ADG Code):

This material is classified as Dangerous Goods Division 2.1 Flammable Gases

Division 2.1 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1: Explosives
- Division 2.2 Non-flammable, Non toxic gas that have a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.
- Class 3: Flammable Liquids, if both the Division 2.1 and Class 3 dangerous goods are in tanks or other receptacles with a capacity individually exceeding 500L.
- Division 4.1: Flammable Solids
- Division 4.2: Spontaneously combustible substances
- Division 4.3: Dangerous when wet substances
- Division 5.1: Oxidising substances
- Division 5.2: Organic peroxides
- Class 7: Radioactive materials unless specifically exempted

Marine Transport (IMO/IMDG):

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

Proper Shipping Name: AEROSOLS (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)- Marine Pollutant

UN-No: 1950

Division: 2.1

EmS: F-D,S-U

Special Provisions: 63, 190, 277, 327, 344, 381, 959

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.

Proper Shipping Name: AEROSOLS, flammable

UN-No: 1950

Division: 2.1

Label: Flammable Gas

Packaging Instructions (cargo only): 203

Packaging Instructions (passenger & cargo): 203

Special Provisions: A145, A167, A802

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

Hazchem Code

2YE

IERG Number

49

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 Amendment: December 2019

1. Identification

SDS Reviewed: December 2018 Supersedes: July 2013

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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