

SAFETY DATA SHEET

BLACK MAGIC TIRE WET FOAM

Infosafe No.: LQ9BX
ISSUED Date : 05/02/2019
ISSUED by: Griffiths Equipment Ltd

1. IDENTIFICATION

GHS Product Identifier

BLACK MAGIC TIRE WET FOAM

Product Code

11884

Company Name

Griffiths Equipment Ltd

Address

22-24 Olive Road Penrose
Auckland 1061 New Zealand

Telephone/Fax Number

Tel: +64 9 5254575

Emergency phone number

0800 764 766 (All Hours)

Emergency Contact Name

www.griffithsequipment.co.nz

E-mail Address

sales@griffithsequipment.co.nz

Recommended use of the chemical and restrictions on use

Wheel Cleaner Consumer Use

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

6.1E (Dermal) - Substance that is acutely toxic

9.1C Substance that is harmful in the aquatic environment

9.4A Substance that is very ecotoxic to terrestrial invertebrates

Signal Word (s)

WARNING

Hazard Statement (s)

H313 May be harmful in contact with skin.

H412 Harmful to aquatic life with long lasting effects.

H441 Very toxic to terrestrial invertebrates.

Pictogram (s)

Environment



Precautionary statement – Prevention

P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P273 Avoid release to the environment.

Precautionary statement – Response

P101 If medical advice is needed, have product container or label at hand.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P391 Collect spillage.

Precautionary statement – Disposal

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

Other Information

Note: Pressurised container may burst if heated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Isobutane	75-28-5	1-10 %
Propane	74-98-6	1-5 %
Ingredients determined not to be hazardous, including water.		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

Unlikely due to form of product. However, if ingested, do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek 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

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

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once (0800 764 766).

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use dry chemical, carbon dioxide (CO₂), water spray or regular foam or fog.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes and gases including: carbon oxides.

Specific Hazards Arising From The Chemical

Contents under pressure - cans can explode in a fire.

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. 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. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. Place inert 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

Wear appropriate personal protective equipment and clothing to prevent exposure. Handle and use the material in a well-ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Do NOT puncture, burn, cut or heat containers. 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:

Propane

NOTE: Asphyxiant

Source: Workplace Exposure Standards and Biological Exposure Indices.

Biological Limit Values

No biological limit 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. 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 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 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, 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 (natural rubber, nitrile rubber, Neoprene™ or PVC). 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: 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.

Other Information

Propane is an asphyxiant gas 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

Properties	Description	Properties	Description
Form	Aerosol	Appearance	Liquid; Aerosol
Colour	Opaque white	Odour	Cherry
Freezing Point	Not available	Boiling Point	100°C
Solubility in Water	Soluble in water.	pH	10
Vapour Pressure	Not available	Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Viscosity	Not available
Volatile Component	VOC Content (%): 7%	Partition Coefficient: n-octanol/water	Not available
Density	Typical 0.9 g/cm ³ (20°C)	Flash Point	>93°C
Flammability	Non flammable	Auto-Ignition Temperature	Not applicable
Flammable Limits - Lower	Not applicable	Flammable Limits - Upper	Not applicable
Relative density	Typical 0.994 (20°C)		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of storage and handling.

Reactivity and Stability

Reacts with incompatible materials.

Conditions to Avoid

Heat, flames and sparks. Excessive heat.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

Under fire conditions this product may emit toxic and/or irritating fumes and gases including: carbon oxides.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Not available

11. TOXICOLOGICAL INFORMATION

Toxicology Information

Toxicity data for material given below.

Acute Toxicity - Oral

ATEmix: 19503 mg/kg

Acute Toxicity - Inhalation

ATEmix: 4095644 mg/l (gas)

ATEmix: 32.5 mg/l (dust/mist)

Acute Toxicity - Dermal

ATEmix: 4414 mg/kg

Ingestion

Ingestion unlikely due to form of product.

Inhalation

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

Propane is an asphyxiant gas which when present in an atmosphere in high concentration, leads to reduction of oxygen concentration by displacement or dilution. Symptoms include decreased visual acuity, decreased coordination and judgment, headache, dizziness, confusion, drowsiness, fatigue, shortness of breath, muscular weakness, convulsions, unconsciousness, coma and eventually death.

Skin

May be harmful in contact with skin. Product can be absorbed through skin with resultant harmful systemic effects.

Eye

May be irritating to eyes. The symptoms may include redness, itching and tearing.

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

Harmful to aquatic life with long lasting effects. Very toxic to terrestrial invertebrates.

Persistence and degradability

Not available

Mobility

Disperses in water.

Chemical Name | Partition coefficient

ISOBUTANE | 2.88

PROPANE | 2.3

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

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

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Product Disposal:

Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed. Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.

In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

Container Disposal:

Empty the container completely before disposal. Contaminated containers must not be treated as household waste. In this instance the packaging can be disposed through a commercial waste collection service. Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.

In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

14. TRANSPORT INFORMATION

Transport Information

This material is classified as Dangerous Goods Division 2.2 – Non-Flammable Gases

Must not be loaded in the same freight container or on the same vehicle with:

- Class 1: Explosives

Must not be loaded in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:

- Division 4.2: Spontaneously combustible substances

- Division 5.2: Organic peroxides

Marine Transport (IMO/IMDG):

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

Class/Division: 2.2

UN No: 1950

Proper Shipping Name: AEROSOLS

Packing Group: -

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.

Class/Division: 2.2

UN No: 1950

Proper Shipping Name: Aerosols, non flammable

Packing Group: -

Packaging Instructions (passenger & cargo): 203

Packaging Instructions (cargo only): 203

Hazard Label: Non-flammable Gas

Special Provisions:A98, A145, A167, A802

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.2

IERG Number

49

IMDG Marine pollutant

No

Transport in Bulk

Not available

Special Precautions for User

Not available

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Group Standard: Aerosols (Subsidiary Hazard) Group Standard 2006.

HSNO Approval Number

HSR002519

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS Created: February 2019

References

Workplace Exposure Standards and Biological Exposure Indices.

Transport of Dangerous goods on land NZS 5433.

Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).

Assigning a hazardous substance to a group standard.

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

END OF SDS

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