

Infosafe No™ HXOPV	Issue Date : June 2007	ISSUED by RITTCO	CS: 1.4.22
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 Product Name : **BLACK MAGIC TIRE WET FOAM (AEROSOL)**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	BLACK MAGIC TIRE WET FOAM (AEROSOL)		
Product Code	22145		
Company Name	RITTCO DISTRIBUTING		
Address	PO Box 23 Concord NSW 2137 Australia		
Emergency Tel.	13 11 16		
Recommended Use	TIRE DRESSING		
Other Names	<u>Name</u>	<u>Product Code</u>	
	BLACK MAGIC TIRE WET FOAM		

2. HAZARDS IDENTIFICATION

Hazard Classification	DANGEROUS GOODS. NON-HAZARDOUS SUBSTANCE. Dangerous goods classification according to the Australian Dangerous Goods Code. Hazard classification according to the criteria of NOHSC.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Ingredient	Formula	
	PROPANE - BUTANE (C3-C4) PROPELLANT BLEND	Not Available	
	SURFACTANT(S)	Not Available	
	WATER	H2O	
	NON HAZARDOUS INGREDIENTS	Not Available	
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	PROPANE - BUTANE (C3-C4)	68476-40-4	5-15 %
	PROPELLANT BLEND		
	Water	7732-18-5	Not Available
	NON HAZARDOUS INGREDIENTS	Not Available	Remainder
	SURFACTANT(S)	Not Available	Not Available

4. FIRST AID MEASURES

Inhalation	Leave area of exposure immediately. If assisting a victim avoid becoming a casualty, wear a Type A (Organic vapour) respirator where an inhalation risk exists. If victim is not breathing apply artificial respiration and seek urgent medical attention.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.
Skin	Gently flush affected areas with water.
Eye	Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.
First Aid Facilities	Eye wash facilities and safety shower should be available.
Advice to Doctor	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. Absorb runoff with sand or similar.
Specific Hazards	Highly flammable - explosive vapour. Evacuate area & contact emergency services. Toxic gases (carbon oxides, hydrocarbons) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full

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protective equipment (see spill above) including Self-Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
2Y

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal If can is punctured, clear area of all unprotected personnel and ventilate area (if in confined area). Wearing splashproof goggles, PVC/rubber gloves and coveralls, collect and allow to discharge outdoors. If discharge occurs in confined or poorly ventilated area, a Type A-Class P1 (Organic vapour and Particulate) respirator is required. Absorb residues with sand or similar and place in clean containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for Safe Storage Store in cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, direct sunlight, heat or ignition sources, foodstuffs, out of direct sunlight and out of the reach of children. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate fire protection.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards PROPANE - BUTANE (C3-C4) PROPELLANT BLEND (68476-40-4)
ES-TWA: 800 ppm (1900 mg/m³) Butane

Biological Limit Values No biological limit allocated.

Engineering Controls Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back.

Personal Protective Equipment Wear splash-proof goggles, rubber or PVC gloves and safety glasses. When using large quantities or where heavy contamination is likely, wear coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Foam (Aerosol dispensed)

Odour Cherry odour

Melting Point Not available

Boiling Point Not available

Solubility in Water Soluble

Specific Gravity 0.9

pH Value 10 (Approximately)

Vapour Pressure Not available

Vapour Density (Air=1) Not available

Evaporation Rate Not available

Volatile Component Not available

Flash Point Not available

Flammability Highly flammable aerosol. May evolve toxic gases (eg: carbon oxides, hydrocarbons) when heated to decomposition. Vapours may form explosive mixtures in air. Eliminate all ignition sources, including cigarettes, open flames, spark producing switches/tools, heaters, pilot lights, electrical equipment etc. Aerosol cans may explode at temperatures above 50°C. May also

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Auto-Ignition	evolve formaldehyde when heated to decomposition.
Temperature	Not available
Explosion Limit - Upper	9.5 %
Explosion Limit - Lower	1.9 %

10. STABILITY AND REACTIVITY

Incompatible Materials	Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), strong alkalis (eg. hydroxides), heat and ignition sources.
Hazardous Decomposition Products	May evolve toxic gases (eg: carbon oxides, hydrocarbons) when heated to decomposition. May also evolve formaldehyde when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Toxicity Data: PROPANE - BUTANE (C3-C4) PROPELLANT BLEND (68476-40-4) LC50 (Inhalation): 50,000 ppm (Propane)
Health Hazard	This product can be fatal if contents are deliberately concentrated and inhaled. Use safe work practices to avoid prolonged eye or skin contact and vapour inhalation at high levels in poorly ventilated areas.
Inhalation	Inhalation may cause irritation to the respiratory system, nose and throat irritation, coughing, and headache. Over exposure may result in nausea, dizziness and drowsiness.
Ingestion	Ingestion may result in gastrointestinal irritation, nausea and vomiting. However, due to product form, ingestion is considered unlikely.
Skin	Prolonged and repeated contact may result in irritation, skin rash and dermatitis.
Eye	Exposure may result in irritation and lacrimation.

12. ECOLOGICAL INFORMATION

Ecological Information	Environment: Aliphatic hydrocarbons behave differently in the environment depending on their size. WATER: Light aliphatics volatilise rapidly from water (half life - few hours). Bioconcentration should not be significant. SOIL: Light aliphatics biodegrade quickly in soil and water, heavy aliphatics biodegrade very slowly. ATMOSPHERE: Vapour-phase aliphatics will degrade by reaction with hydroxyl radicals.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	For small amounts absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer for additional information.
Local Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Transport Information	CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
U.N. Number	1950
Proper Shipping Name	AEROSOLS
DG Class	2.1
Sub.Risk	None Allocated
Hazchem Code	2Y
Packaging Method	
Packing Group	None Allocated
EPG Number	2D1

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15. REGULATORY INFORMATION

Regulatory Information	Poison Schedule: A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	Not Scheduled
AICS (Australia)	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Other Information AEROSOL CANS may explode at temperatures approaching 50°C.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ABBREVIATIONS:mg/m³ - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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