

Infosafe No™ HX0Q0	Issue Date : June 2007	ISSUED by RITTCO	CS: 1.4.22
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Product Name : **MEDO AUTO EXPRESSIONS VENT FRESH - ALL TYPES & VARIETIES**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	MEDO AUTO EXPRESSIONS VENT FRESH - ALL TYPES & VARIETIES		
<b>Product Code</b>	VNTFR-27, VNTFR-5, VNTFR-22, VNTFR-28, VNTFR-33, VNTFR-82		
<b>Company Name</b>	RITTCO DISTRIBUTING		
<b>Address</b>	PO Box 23 Concord NSW 2137 Australia		
<b>Emergency Tel.</b>	13 11 16		
<b>Recommended Use</b>	AIR FRESHENER · DEODORISER		
<b>Other Names</b>	<u>Name</u>	<u>Product Code</u>	
	MEDO AUTO EXPRESSIONS VENT FRESH · VENT FRESH · ALL TYPES		

## 2. HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
<b>Risk Phrase(s)</b>	R43 May cause sensitization by skin contact. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Safety Phrase(s)</b>	S2 Keep out of reach of children. S24 Avoid contact with skin. S37 Wear suitable gloves. S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Characterization</b>	Liquid		
<b>Information on Composition</b>	Ingredient	Formula	
	BENZYL ACETATE	C9-H10-O2	
	HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	Not Available	
	LIGHT PETROLEUM DISTILLATES, HYDROTREATED	Not Available	
	BUTYLATED HYDROXYTOLUENE	C15-H24-O	
	ADDITIVES	Not Available	
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Benzyl acetate	140-11-4	10-25 %
	HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	1-10 %
	LIGHT PETROLEUM DISTILLATES, HYDROTREATED	64742-47-8	1-10 %
	Butylated hydroxytoluene Additives	128-37-0	<1 %
		Not available	Not Available

## 4. FIRST AID MEASURES

<b>Inhalation</b>	Leave area of exposure. If symptoms develop, seek urgent medical attention. If assisting a person exposed, wear a Type A (Organic vapour) respirator (or Air-line respirator in poorly ventilated areas). If person is not breathing, apply artificial respiration and seek urgent medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.
<b>Skin</b>	Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.

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**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.

**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** Combustible. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Hazchem Code** None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** If spilt (bulk), contact emergency services if appropriate. Wear splash-proof goggles, neoprene/nitrile gloves, a Type A (Organic vapour) respirator (where inhalation risk exists), coveralls, an apron and boots. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar and place in clean, sealed 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. Store as a Class C1 Combustible Liquid (AS1940).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** BUTYLATED HYDROXYTOLUENE (128-37-0)  
ES-TWA: 10 mg/m<sup>3</sup> Butylated hydroxytoluene  
WES-TWA: 10 mg/m<sup>3</sup>

HYDROTREATED HEAVY NAPHTHA (PETROLEUM) (64742-48-9)  
ES-STEL: 400 ppm (1800 mg/m<sup>3</sup>)  
No biological limit allocated.

**Biological Limit Values**

**Engineering Controls** Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended.

**Personal Protective Equipment** Wear splash-proof goggles and neoprene or nitrile gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** Liquid

**Odour** Pleasant odour

**Melting Point** Not available

**Boiling Point** Not available

**Solubility in Water** Not available

**Specific Gravity** 0.9 TO 0.95

**pH Value** Not available

**Vapour Pressure** Not available

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<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Volatile Component</b>	Not available
<b>Flash Point</b>	67°C
<b>Flammability</b>	Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. CLASS C1 COMBUSTIBLE
<b>Auto-Ignition Temperature</b>	Not available
<b>Explosion Limit - Upper</b>	Not available
<b>Explosion Limit - Lower</b>	Not available

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Toxicity Data: BENZYL ACETATE (140-11-4) LD50 (Ingestion): 830 mg/kg (mouse)
<b>Health Hazard</b>	BUTYLATED HYDROXYTOLUENE (128-37-0) Carcinogenicity: Unclassifiable carcinogenicity in humans (IARC Group 3) LD50 (Ingestion): 650 mg/kg (mouse) Use safe work practices to avoid eye or skin contact and vapour generation or inhalation. Potential sensitising agent. Over exposure may result in adverse effects to the central nervous system.
<b>Inhalation</b>	Inhalation may cause irritation to the respiratory system, nose and throat irritation, coughing, and headache. Over exposure may result in nausea, dizziness and drowsiness.
<b>Ingestion</b>	Ingestion may result in nausea, vomiting, abdominal pain, diarrhoea, dizziness and drowsiness with large doses. Aspiration may result in chemical pneumonitis and pulmonary oedema.
<b>Skin</b>	Prolonged contact may result in skin rash, drying and defatting of the skin which may result in dermatitis. Potential sensitising agent.
<b>Eye</b>	Exposure may result in lacrimation, irritation, pain and redness.

## 12. ECOLOGICAL INFORMATION

<b>Ecological Information</b>	Environment: Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.
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## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	Wearing the protective equipment outlined, ensure all ignition sources are extinguished. For small quantities, absorb on paper, sand or similar and evaporate under a fume cupboard or open area. For large volumes, atomise into incinerator (mixing with more flammable solvent if required) or recycle by gravimetric separation, distilling & reusing. Contact the manufacturer for additional information if required.
<b>Local Legislation</b>	Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
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<b>Sub.Risk</b>	None Allocated
<b>Hazchem Code</b>	None Allocated
<b>Packing Group</b>	None Allocated

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## 15. REGULATORY INFORMATION

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<b>Regulatory Information</b>	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).
<b>Poisons Schedule</b>	Not Scheduled
<b>Hazard Category</b>	Irritant
<b>AICS (Australia)</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

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<b>Other Information</b>	<p>WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.</p>
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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/m<sup>3</sup> - 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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# Material Safety Data Sheet

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