

# Materials Safety Data Sheet

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Sheet No. 1344				
Issue No. 1				
Date: 16.07.08				
Issued by D Johansen				
<b>1. Identification of the Substance and of the Company:</b>				
Trade Name:		NaturCare		
Company:		Opus Healthcare Ltd PO Box 8204 Ardleigh Colchester, CO7 7WH		
Telephone:		01206 230741		
Fax:		01206 230129		
Container:		50ml aerosol		
Product Type:		Deodorant Spray		
Classification:		Extremely Flammable		
<b>2. Composition:</b>				
General Description: A SOLUTION OF PERFUME IN DENATURED ETHANOL WITH A HYDROCARBON PROPELLANT. A SMALL AMOUNT OF BACTERICIDE IS ALSO PRESENT. There are four variants: Unscented, Fragrant, Zest, and Breeze. They differ only in the fragrance used or absent				
Substances listed in CHIP or EH40 or influencing classification:				
	Concentration	*WEL	Risk Phrases	Symbol
DENATURED ETHANOL (CAS 64-17-5)	<50% w/w	1000	R11	F
BUTANE 40 (CAS 68476-85-7)	50% w/w	600	R12	F+
*WEL = Workplace Exposure Limit as published by HSE in document EH40. R11 = Highly flammable. R12 = Extremely flammable. Figures quoted are ppm for 8 hour time weighted averages.				
<b>3. Hazards Identification:</b>				
The product is flammable. Deliberate inhalation abuse could be fatal in extreme cases. Cans may rupture if heated to excess. Direct eye contact will cause irritation.				
<b>4. First Aid Measures:</b>				
Inhalation: Remove patient to fresh air and seek medical advice. Eye Contact: Irrigate thoroughly with water. Seek medical advice if irritation persists. Skin Contact: Wash with soap and water. Ingestion: Unlikely to occur accidentally, but seek medical advice if significant quantities have been swallowed.				
<b>5. Fire Fighting Measures:</b>				
Extinguishing media:		Carbon Dioxide		
Unusual Hazards:		Cool containers to prevent rupture		
<b>6. Accidental Release Measures:</b>				
If containers are ruptured: Extinguish all ignition sources. Ventilate area, particularly at low level. Absorb residue on inert material and dispose of in accordance with local regulations.				

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## 7. Handling and Storage:

Store at ambient temperatures under dry conditions.  
Read the label before use.  
Do not mix with other chemicals.  
Keep out of reach of children.

## 8. Exposure Controls / Personal Protection:

Protective clothing is not required.  
Do not smoke during use.  
Ensure adequate ventilation.  
Do not breathe spray.

## 9. Physical and Chemical Properties:

Appearance:	Clear Liquid
pH	Not Applicable
Internal Pressure	Approx 3 bar at 20 deg C
Vapour density:	>air
Odour:	Characteristic
Flammability:	Flash Point less than 0 deg C (butane figure)
Solubility in water:	45% approx at 20 deg C
Relative density:	0.68

## 10. Stability and Reactivity:

The aerosol is stable under normal conditions.  
Cans may rupture in a fire with the release of flammable product.

## 11. Toxicological Information:

The aerosol contains no toxic or harmful materials.  
Deliberate inhalation abuse could prove fatal in extreme circumstances.  
The ethanol is denatured, and ingestion is likely to cause nausea.

## 12. Ecological Information:

All of the chemicals used are biodegradable.  
No chlorofluorocabons (CFC's) are present.  
The aluminium can may be recycled.

## 13. Disposal Considerations:

Do not puncture or incinerate even when empty.  
Dispose of in accordance with local regulations.

## 14. Transport Information:

IMDG: Class 2 "Aerosols"	UN Code: 1950
ADR: Class 2 "Gases"	Marine Pollutant: No

## 15. Regulatory Information

The labelling is in accordance with the "Chemical (Hazard Information And Packaging For Supply) Regulations 2002", and current EC guidelines.  
The aerosol is classified as "Extremely Flammable".  
The aerosol carries a statutory aerosol caution statement (see section 16).

## 16. Other Information:

Aerosol Caution: The container is pressurised. Do not pierce or burn, even when empty. Protect from sunlight and do not expose to temperatures exceeding 50 degrees centigrade. Do not spray on a naked flame or any incandescent material. Keep out of reach of children. No smoking

## Legal Disclaimer:

The information supplied herein is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy themselves that the product is entirely suitable for their purpose.