

Manufacturer/Supplier
VECTAIR SYSTEMS LIMITED

Bilton Road
Kingsland business Park
Basinstoke HANTS RG24 8LJ

MATERIAL SAFTY DATA SHEET
According To 91/155 EC
Issuing Date 1st July 1996

1 of 6

Section 1 Identification of Substance

Product Details

Trade Name **Neutrale Esprit Metered Pump-Low V.O.C**
Clean Sense/Ocean Breeze, Chic, Kalm, Risque,
Floral Sense/Country Garden, Perceptions/Santa Fe

Supplier Vectair Systems Limited
Bilton Road
Kingsland Business Park
Basingstoke HANTS RG24 8LJ

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Section 2 Composition/Data On Components

Chemical Characterisation

Description Mixture of water,oxygenous hydrocarbon and perfume

Dangerous Components CAS NO Designation Index R Phrases

Section 3 Hazards Identification

Hazard Designation Void

Information pertaining to particular
Dangers for man and environment: R10 Flammable

Classification System The Classification is in line with current EC list. It is expanded however, by information from technical literature and by information furnished by supplier companies.

Section 4 First Aid Measures

After Inhalation	Supply fresh air: Consult doctor in case of symptoms
After Skin Contact	Remove soaked clothing: Wash skin with water soap
After eye contact	Rinse opened eye for several minutes under running Water. If symptom persists, consult doctor
After swallowing	Rinse mouth: Do not induce vomiting: Consult a Physician

Section 5 Fire Fighting Measures

Suitable Extinguishing Agents	CO ₂ , extinguishing powder or water jet Fight larger fires with water jet or alcohol resistant foam
For safety reasons unsuitable Extinguishing agents:	Water with a full water jet
Special hazards caused by the material, its products of combustion or flue gases:	In case of fire, CO is possible
Protective equipment:	No special measures required

Section 6 Accidental Release Measures

Person related safety Precautions	Wear protective equipment. Keep unprotected persons away
Measures for environmental Protection	Do not allow to enter drainage system, Surface or ground water
Measure for cleaning/collecting	Absorb with liquid-binding material (Sand, diatomite, acid binders universal binders, sawdust) Ensure adequate ventilation

Section 7 Handling And Storage

Handling

Information for safe handling	Ensure good ventilation/exhaustion
Information about protection against explosions and fires	Keep ignition sources away-Do not smoke

Storage

Requirements to be met by storeroom and containers	No special requirements
Information about storage in one common storage facility	Do not store together with strong acids and and strong oxidising agents
Further information about storage conditions	Store in a cool, dry conditions in well sealed containers
Storage class	
Class according to regulations On flammable liquids	Void

Section 8 Exposure Controls and Personal

Additional information about design of technical systems	No further data see item 7
Components with critical values that require monitoring at the workplace	CAS No Designation of Material % Value Unit The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
Additional information MAC -Values	Oxygenous hydrocarbon =400 ppm (isopropanol)
Personal protective equipment	
General protective and hygienic measures	Wash hands during breaks and at the end of work
Breathing equipment	Not required
Protection of hands	Not required
Eye protection	Not required

Section 9 Physical and Chemical Properties

Form	Fluid
Colour	According to product specification
Smell	Perfume

<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
Change in condition		
Melting point/Melting range	Not determined	
Boiling point/Boiling range	82 C	
Flash point	24 C	
Self Flammability	Product is not self-igniting	
Danger of explosion	Product is not explosive. However, formation of explosive air/stream mixtures is possible	
Critical values for explosion		
Lower	2.0 Vol %	
Upper	12.0 Vol %	
Density	At 20 C 0.860-0.909 g/cm ³	
Solubility in/Miscibility with Water	fully miscible	

Section 10 Stability And Reactivity

Thermal decomposition/ Conditions to be avoided	No decomposition if used according to specifications
Materials to be avoided	Strong oxidising agents, strong acids
Dangerous reactions	No dangerous reactions known
Dangerous products of decomposition	In case of fire, CO is possible

Section 11 Toxicological Information

Acute toxicity	
Primary irritant effect	
On the skin	No irritant effect
On the eye	Irritant effect
Sensitisation	No sensitisation effect known

Section 12 Ecological Information

General notes	Water hazard class 1 (self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system
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Section 13 Disposal Considerations

Product Recommendation	Disposal must be made according to local regulations
Uncleaned packaging Recommendations	Disposal must be made according to local regulations

Section 14 Transport Information

Land transport ADR/RID and GGVS/GGYE (cross-border/domestic)

ADR/RID-GGVS/E Class	3 Inflammable liquids
Number/Letter	31c
UN-Number	1993
Label	3
Designation of goods	Flammable liquid n.o.s
Maritime transport IMDG/GGV Sea	
IMDG/GGVSEA Class	3.3
Page	3345
UN Number	1993
Packaging Group	III
EMS Number	3-07
MFAG	340
Marine Pollutant	No
Correct Technical Name	Flammable liquid n.o.s
Air Transport ICAO-IT and IATA-DGR	
ICAO/IATA Class	3
UN/ID Number	1993
Correct technical name	Flammable liquid

Section 15 Regulatory Information

Designation according to EC Guidelines The product has been labelled in accordance with EC Directive/ Ordinance on hazardous materials Gelstoff V

Code Letter and hazard designation of product

Risk phrases 10 Flammable

Safety phrases Keep out of reach of children (S2)

National regulation

Classification according to vbfi Void

Water hazard class Water hazard class 1 (self assessment) slightly Hazardous for water

Reaction 16 Other Information

This data is based on our present knowledge. However it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.