

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1 of 5

KC Melodie Pump Spray

Revision 5
 Revision date 6-Dec-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name	KC Melodie Pump Spray
Intended use	Fragranced metered non-pressurised pump sprays designed for use in proprietary automated dispensers.
Company	Technical Concepts International Ltd Halifax Avenue Fradley Park, Lichfield, WS13 8SS sds.technical-concepts@newellco.com www.technicalconcepts.co.uk
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2. HAZARDS IDENTIFICATION

Main hazards	Highly flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Classification system	The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
D-Limonene	0-0.5%	5989-27-5	227-813-5	R10 Xi; R38 R43 N; R50/53
Ethanol	40-50%	64-17-5	200-578-6	F; R11
Isopropanol (Propan-2-ol)	10-20%	67-63-0	200-661-7	F; R11 Xi; R36 R67
2-Tertiary-butylcyclohexyl acetate	0-0.5%	88-41-5	201-828-7	N; R51/53
Methyl cyclomyrcetone	0-0.5%	54464-57-2	259-174-3	N; R51/53
4-Tertiary-butylcyclohexyl acetate	0-0.5%	32210-23-4	250-954-9	N; R51/53
Diphenyl Ether (Diphenyl ether (vapour))	0-0.5%	101-84-8	202-981-2	N; R51/53
Hexyl Cinnamal	0-0.5%	101-86-0	202-983-3	Xi; R43
[3R-(3a,3ab,7b,8aa)] -2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a, 7-methanoazulene	0-0.5%	469-61-4	207-418-4	Xn; R65 N; R50/53

Additional Information: Full text for all Risk Phrases mentioned in this section are displayed in Section 16.

KC Melodie Pump Spray

Revision 5
Revision date 6-Dec-2009

4. FIRST AID MEASURES

Skin contact	Remove contaminated clothing. Wash all contaminated clothing before reuse. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media	Alcohol resistant foam. Carbon dioxide (CO2) Do NOT use water jet.
Fire hazards	Carbon oxides may be formed in fire conditions.
Protective equipment	Wear suitable protective clothing. Wear suitable protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Keep personnel away from spill. Wear suitable protective equipment. Evacuate personnel to a safe area.
Environmental precautions	Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Clean up methods	Ensure adequate ventilation. Absorb liquid components with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. HANDLING AND STORAGE

Handling	Wear suitable protective equipment.
Storage	Ensure adequate ventilation of the working area. Keep in a cool, dry, well ventilated area. Store at temperatures below 50 °C. Heat will increase pressure in sealed containers. Keep away from sources of ignition - No smoking. Do not pierce or burn, even after use. Do not store with strong acids. Oxidising agents. Observe official regulations on storing flammable packagings. Protect from heat and direct sunlight.

KC Melodie Pump Spray

Revision 5
Revision date 6-Dec-2009

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250
Diphenyl Ether (Diphenyl ether (vapour))	WEL 8-hr limit ppm: 1 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 7.1 WEL 15 min limit mg/m3: -

Engineering measures

Ensure adequate ventilation of the working area.

Occupational exposure controls

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Wash hands during breaks and at the end of the work.

Respiratory protection

Not required, but ensure adequate ventilation when using the product.

Hand protection

Not required when used as directed. Wash hands after handling the product.

Eye protection

Not required when used as directed.

Protective equipment

Not required when used as directed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	According to Product specification.
Odour	Characteristic.
Flash point	12°C
Explosive	1.8 - 19.0 Vol%
Relative density	0.873 ± 0.006 g/cm³
Autoignition temperature	Product is not self-igniting.
Further information	Product is not explosive. However, formation of explosive air/steam mixtures is possible.

10. STABILITY AND REACTIVITY

Stability	Will not decompose if stored and used as recommended.
Conditions to avoid	Store at temperatures below 50 °C. Keep away from sources of ignition - No smoking. Protect from heat and direct sunlight.
Materials to avoid	Strong acids. Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data is available on this product.
Sensitization	May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available on this product.
Bioaccumulation	Does not bioaccumulate.
Further information	Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

KC Melodie Pump Spray

Revision 5
Revision date 6-Dec-2009

13. DISPOSAL CONSIDERATIONS

Disposal methods Dispose of in compliance with all local and national regulations.

Disposal of packaging Containers can be recycled if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 1987 **Packing group** II
Class 3 **Hazard ID** 33
Proper Shipping Name ALCOHOLS, N.O.S., .

Remarks UN 1987 should be placed inside the diamond shaped label.
Goods are classed as "Limited Quantities" and are therefore exempt from ADR regulations. Check local local legislation for domestic transport.

IMDG

UN 1987 **Packing group** II
Class 3 **Marine pollutant** NO
EmS Code F-E S-D

Remarks "Dangerous goods of limited quantities of Class 3" is required according to IMDG regulations.

IATA

UN 1987 **Packing group** II
Class 3 **Subsidiary risk** -
Packing Instruction 307 **Maximum quantity** 60 L
(Cargo)
Packing Instruction 305 **Maximum quantity** 5 L
(Passenger)

Remarks "Limited Quantity" .

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.
For professional use only.

Symbols F - Highly flammable



Risk phrases R11 - Highly flammable.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases P10 - Contains hexyl cinnamal, limonene. May produce an allergic reaction.
S16 - Keep away from sources of ignition - No smoking.

KC Melodie Pump Spray

Revision 5
Revision date 6-Dec-2009

16. OTHER INFORMATION

Text of risk phrases in Section 3	R10 - Flammable. R11 - Highly flammable. R36 - Irritating to eyes. R38 - Irritating to skin. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R67 - Vapours may cause drowsiness and dizziness.
Informing Department	Mr. K. Anderson Technical Services Department.
Data sources	Raw Material Data Sheets. EH40/2005 Occupational Exposure limits (UK)
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.