



MATERIAL SAFETY DATA SHEET

Section 1 Product Identification

1.1	Product Name	Regeneration fragrance candle Cardamom and Cedar
1.2	Chemical Name	N/A
1.3	Article number and barcode	30214745
1.4		5054077388603
1.5	Product use	Candle
1.6	Supplier's Name	
1.7	Supplier's Address	
1.8	Emergency Phone	+44 7570 900688 (Out of hours)
1.9	Other	

Section 2 Hazard Identification

2.1	<p>Hazard Identification: Classification according to Regulation (EC) No. 1272/2008 [CLP] This product does not meet the criteria for classification under Regulation (EC) No. 1272/2008</p> <p>Symbols/Pictograms None</p> <p>Signal word None</p> <p>Hazard statements None</p> <p>Precautionary Statements None</p> <p>Supplemental Information: Contains (3-Hepten-2-one, 3,4,5,6,6-pentamethyl-, (Z)-). May produce an allergic reaction..</p>						
2.2	Routes of entry	Inhalation	No	Absorption	No	Ingestion	No
2.3	<p>Effects of exposure</p> <p>Ingestion: If swallowed, no significant adverse health effects are anticipated. Ingestion can cause a laxative effect.</p> <p>Eyes: May cause minor eye irritation.</p> <p>Skin: May cause an allergic skin reaction.</p> <p>Inhalation: Not expected to be an inhalation hazard.</p>						
2.4	<p>Symptoms of Over exposure</p> <p>Ingestion: Gastrointestinal discomfort, nausea, vomiting, and headache</p> <p>Eyes: Moderate irritation, redness, and watering.</p> <p>Skin: Contact dermatitis, (rash), characterized by red, dry, itching skin.</p> <p>Inhalation: Vapors may be irritating to nose, throat and respiratory tract</p>						
2.5	<p>Acute Health Effects</p> <p>Ingestion: Gastrointestinal irritation, nausea, and vomiting and diarrhea.</p> <p>Eyes: Slight eye irritant</p> <p>Skin: Allergic skin reaction</p> <p>Inhalation: Acute exposure may cause respiratory tract irritation in some sensitive</p>						

	individuals.
2.6	Chronic Health Effects: None reported
2.7	Target organs None reported
2.8	Toxicological Properties None reported
NA= Not Available ND= Not Determined NE= Not Established NF = Not Found C= Ceiling Limit	

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<h3>Section 3 Composition & Ingredient Information</h3>	

Chemical Name(s)	CAS No.	RTE Cs No.	EIN ECS No.	%	Exposure Limits in Air (mg/m ²)									Classification according to Directive 67/548/EC or 1999/45/EC	Classification according to Regulation (EU) 1272/2008 (CLP)	
					ACGIH		NOHSC			OSHA						
					ppm		ppm			ppm						
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	TLV	STEL	IDLH				
Paraffin wax	64742-51-4	NA	165-154-4	75.8-85.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
palm wax	68956-68-3	NA	273-313-5	10-20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
UV stabiliser	3147-75-9	NA	221-573-5	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	R53	Aquatic Chronic 4 (H413)	
1,4-dioxacycloheptadecane-5,17-dione	105-95-3		203-347-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
3-Hepten-2-one, 3,4,5,6,6-pentamethyl-, (Z)-	81786-73-4		279-822-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	115-95-7		204-116-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone	54464-57-2		259-174-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
1-Methyl-1-(4-methylcyclohex-3-en-1-yl)ethyl	8007-35-0		232-357-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified

acetate														
3,7-Dimethyloct-6-en-1-ol	106-22-9		203-375-0	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
4-Allyl-2-methoxyphenol	97-53-0		202-589-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
(R)-p-Mentha-1,8-diene	5989-27-5		227-813-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
3,7-Dimethylocta-1,6-dien-3-ol	78-70-6		201-134-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0		214-881-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane	470-82-6		207-431-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
Ethyl 2-methylpentanoate	39255-32-8		254-384-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
Oxacyclohexadecan-2-one	106-02-5		203-354-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
(1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl)-cyclohexanol	68877-29-2		272-556-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
3,7-Dimethylocta-2,6-dien-1-ol	106-24-1		203-377-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
3-methyl-5-phenyl-1-pentanol	55066-48-3		259-461-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8		201-291-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane	79-92-5		201-234-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	127-91-3		204-872-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified

Section 4 First Aid Measures

4.1	<p>First Aid:</p> <p>Ingestion Rinse mouth Get medical attention Never give anything by mouth to an unconscious person</p> <p>Eyes IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.</p> <p>Skin Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.</p> <p>Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.</p>
4.2	<p>Medical Conditions aggravated by expose: May cause allergic skin reaction</p>

5. Firefighting Measures

5.1	Flashpoint & method: ND				
5.2	Auto-ignition Temperature: ND				
5.3	Flammability limits	Lower explosive limit (LEL)	ND	Upper explosive limit (UEL)	ND
5.4	Extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.				
5.5	Firefighting Procedures: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.				
Additional information: Thermal decomposition can lead to release of irritating and toxic gases and vapors					



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Section 6. Accidental release measures

6.1	Spills: Take up mechanically and place in container for disposal according to local / national regulations Local authorities should be advised if significant spillages cannot be contained Prevent entry into waterways, sewers, basements or confined areas
6.2	Any other forms of release:

Section 7. Handling & storage information

7.1	Work & Hygiene practices: Avoid contact with skin, eyes or clothing Wash contaminated clothing before reuse Do not eat, drink or smoke when using this product Wash thoroughly after handling
7.2	Storage & handling: Handle in accordance with good industrial hygiene and safety practice Ensure adequate ventilation, especially in confined areas Keep containers tightly closed in a cool, well-ventilated place Keep away from heat, sparks, flame and other sources of ignition Store in accordance with the particular national regulations

7.3	Special precautions:
7.4	Additional information:

Section 8. Exposure controls & personal protection

8.1	Ventilation & engineering controls: Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Do not allow into any sewer, on the ground or into any body of water		
8.2	Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment		
8.3	Eye protection Wear safety glasses with side shields (or goggles)		
8.4	Hand protection Wear protective gloves		
8.5	Body protection Suitable protective clothing	HEALTH	0
		FLAMMABILITY	0
		PHYSICAL HAZARDS	0
		SPECIAL EQUIPMENT	B



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Section 9. Physical & chemical properties

9.1	Density	ND
9.2	Boiling point	ND
9.3	Melting point	ND
9.4	Evaporation rate	ND
9.5	Vapour pressure	ND
9.6	Molecular weight	ND
9.7	Appearance & colour	Cream colour solid wax
9.8	Odour threshold	ND
9.9	Solubility	Insoluble in water
9.10	pH	ND
9.11	Viscosity	ND
9.12	Other information	

Section 10. Stability & reactivity

10.1	Stability Stable under normal conditions
10.2	Hazardous Decomposition products Not under normal conditions
10.3	Hazardous polymerization Will not occur
10.4	Conditions to avoid Heat, Flames and sparks
10.5	Incompatible substances Strong oxidising agents Strong acids. Strong bases.

Section 11. toxicological information
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11.1	Toxicity data: ND Mixture: Not classified	
11.2	Acute toxicity Not classified (Based on available data, the classification criteria are not met.)	
11.3	Chronic toxicity Not classified (Based on available data, the classification criteria are not met.)	
11.4	Suspected toxicity Not classified (Based on available data, the classification criteria are not met.)	
11.5	Reproductive toxicity Not classified (Based on available data, the classification criteria are not met.)	
	Mutagenicity	Not classified (Based on available data, the classification criteria are not met.)
	Embryo toxicity	Not classified (Based on available data, the classification criteria are not met.)
	Teratogenicity	Not classified (Based on available data, the classification criteria are not met.)
	Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met.)
11.6	Irritancy of product Refer to section 2	
11.7	Biological exposure indices ND	
11.8	Physician recommendations Treat symptomatically	
11.9	Additional information	



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Section 12. Ecological information

12.1	Environmental stability NA
12.2	Effect on plants & animals NA

12.3	Effect on aquatic life NA
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Section 13. Disposal consideration

13.1	Waste Disposal The product should be disposed of in accordance to local regulations. Avoid disposing into drainage systems and into the environment. The soiled packaging should be disposed of in the same way as the product.
13.2	Special Considerations NA

Section 14. Transportation information

The basic description (ID number, proper shipping name, hazard class & division, packing group) is shown for each mode of transport. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG, TDGR, SCT and ADGR	
14.1	49 CFR (GND) Not regulated
14.2	IATA (AIR) Not regulated
14.3	IMDG (OCN) Not regulated
14.4	TDGR (Canadian GND) Not regulated
14.5	ADR/RID (EU) Not regulated
14.6	Mexico (SCT) Not regulated
14.7	ADGR (AUS) Not regulated

Section 15. regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work



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Section 16. Other information

16.1	Other information: This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
16.2	Terms & definitions: Please refer to last page.
16.3	Disclaimers: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.
16.4	Prepared for: Dunelm
16.5	Company full address: Dunelm (Soft Furnishings) Ltd Watermead Business Park, Syston, Leicestershire, LE7 1AD



MATERIAL SAFETY DATA SHEET

Definitions of terms

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

General information

CAS No.	Chemical abstract service number
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Exposure limits in the air

ACGIH	American conference on governmental industrial hygienists
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TLV	Threshold limit value
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OSHA	U.S occupational safety and health administration
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PEL	Permissible exposure limit
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IDLH	Immediately dangerous to life and health
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Frist Aid measures

CPR	Cardiopulmonary resuscitation- method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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Hazardous materials identification systems: HMISH













Health, Flammability & reactivity ratings

0	Minimal Hazard		Hazard rating
1	Slight Hazard	HEALTH	
2	Moderate Hazard	FLAMMABILITY	
3	Severe Hazard	PHYSICAL HAZARDS	
4	Extreme Hazard	Personal Protection	
Personal Protection Ratings:			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P for special handling directions.

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Definitions of terms	

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

Personal Protection ratings:

										
Safety glasses	Gloves	Face shield & eye protection	Splash goggles	Synthetic Apron	Full suit	Boots	Airline Hood/mask	Full face respirator	Vapor respirator	Dust & vapor respirator
		Note: The dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.								

Flammability limits in air	
Auto ignition	Minimum temperature required to initiate combustion in air with no other source

temperature	of ignition.
LEL	Lower explosive limit- lowest percent of vapour in air, by volume that will explode or ignite in the presence of an ignition source.
UEL	Upper explosive limit- highest percent of vapour in air, by volume, that will explode or ignite in the presence of an ignition source.

Other Standard abbreviations:

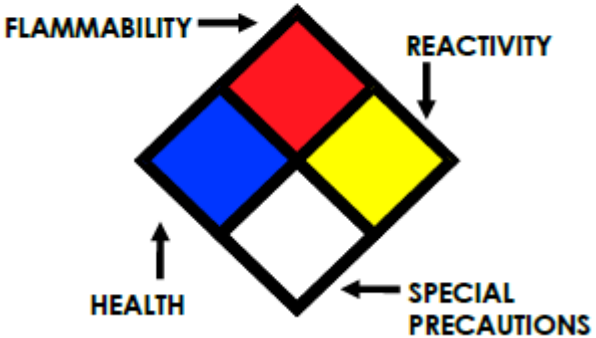
NA	Not available
NR	No results
NE	Not established
NF	Not found
ND	Not determined
ML	Maximum limit
SCBA	Self- contained breathing apparatus

	<h2>MATERIAL SAFETY DATA SHEET</h2>
<h3>Definitions of terms</h3>	

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

National fire protection association: NFPA

Hazard ratings

0	Minimal Hazard	
1	Slight Hazard	
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	
W_	Use no water	
OX	Oxidizer	

Toxicological information

LD 50	Lethal dose (solids & liquids) which kills 50% of the exposed animals
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LC 50	Lethal concentration (gases) which kills 50% of the exposed animals
ppm	Concentration expressed in parts of material per million parts
TD 10	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD10, LD10 & LD0 or TC, TC0, LC10, & LC0	Lowest dose (or Concentration) to cause lethal or toxic effects
IARC	International agency for research on cancer
NTP	National toxicology program
RTECS	Registry of toxic effect chemical substances
BCF	Bio concentration factor
TLm	Median threshold limit
Log K_{ow} or Log K_{oc}	Coefficient of oil/water distribution

	MATERIAL SAFETY DATA SHEET
Definitions of terms	









A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

Regulatory information	
CPR	Canada's controlled product regulations
DOT	U.S. Department of transport
EPA	U.S Environmental protection agency
EU	European Union (European union directive 67/548/EEC)
DSL	Canadian domestic substance list
MAK	Mandat und die arbeitsweise der commission (work ares commission)
NDSL	Canadian non- domestic substance list
NOHSC	National occupational health & safety code (Australia)
PSL	Canadian Priority substances list
TC	Transport Canada
TSCA	U.S toxic substance control act
WHMIS	Canadian workplace hazardous material information system

EC Information

							
C	E	F	N	O	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

WHMIS Information

							
A	B	C	D1	D2	D3	E	F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive