MATERIAL SAFETY DATA SHEET

Section 1 Product Identification

1.1	Product Name : Regeneration frag diffuser Black Pepper and Sandalwood
1.2	Chemical Name: N/A
1.3	Article number and barcode: 30214747 5054077388627
1.4	
1.5	Product use: Room Aroma
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	Hazard Identification **Classification under Regulation (EC) No 1272/2008** Hazardous to the Aquatic Environment - Long-term Hazard Category 3 H412, Harmful to aquatic life with long lasting effects. **Classification under Directive 1999/45/EC** Hazard symbols: None R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Signal word: none Hazard statements: H412, Harmful to aquatic life with long lasting effects. Supplemental information: EUH208, Contains 3-phenylprop-2-enal, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, hexyl 2-hydroxybenzoate. May produce an allergic reaction. Precautionary statements: P273, Avoid release to the environment. P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.						
2.2	Routes of entry	Inhalation	N	Absorption	Y	Ingestion	Y
2.3	Effects of exposure Ingestion: Ingestion of high doses may cause discomfort and irritation of the gastrointestinal tract and CNS depression (fatigue, dizziness and possibly loss of concentration, with collapse, coma and death in cases of severe over-exposure). Eyes: Slight eye irritant. May be irritating to the skin Skin: May produce skin irritation. Not expected to be a skin absorption hazard. Inhalation: Not expected to be an inhalation hazard.						
2.4	Symptoms of Over exposure						

	Ingestion: NF Eyes: NF Skin: NF Inhalation: NF
2.5	Acute Hearth Effects Ingestion: NF Eyes: NF Skin: NF Inhalation: NF
2.6	Chronic Health Effects: NF
2.7	Target organs: ND
2.8	Toxicological Properties: ND
NA= Not Available ND= Not Determined NE= Not Established NF = Not Found C= Celling Limit	

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Section 3 Composition & Ingredient Information

Chemical Name(s)	CAS No.	RTECs No.	EINECS No.	%	Exposure Limits in Air (mg/m2)								Other
					ACGIH		NOHSC			OSHA			
					ppm		ppm			ppm			
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	TLV	STEL	IDLH	
Dipropylene glycol monomethyl ether	34590-94-8	N/A	N/A	90	ND	ND	ND	ND	ND	ND	ND	ND	
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	54464-57-2	N/A	259-174-3	0.43	ND	ND	ND	ND	ND	ND	ND	ND	
hexyl 2-hydroxybenzoate	6259-76-3	N/A	228-408-6	0.28	ND	ND	ND	ND	ND	ND	ND	ND	
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	N/A	248-908-8	0.25	ND	ND	ND	ND	ND	ND	ND	ND	
Ethylene Brassylate	105-95-3	N/A	203-347-8	0.21	ND	ND	ND	ND	ND	ND	ND	ND	
Para Tertiary Butyl Cyclohexyl Acetate	32210-23-4	N/A	250-954-9	0.14	ND	ND	ND	ND	ND	ND	ND	ND	
(r)-para-Mentha-1,8-diene	5989-27-5	N/A	227-813-5	0.05	ND	ND	ND	ND	ND	ND	ND	ND	
3-phenylprop-2-enal	104-55-2	N/A	203-213-9	0.04	ND	ND	ND	ND	ND	ND	ND	ND	
Gamma Terpinene	99-85-4	N/A	202-794-6	0.0	ND	ND	ND	ND	ND	ND	ND	ND	

				09									
4,7,7-trimethylbicyclo [3.1.1]hept-3-ene	80-56-8	N/A	201-291-9	0.009	ND	ND	ND	ND	ND	ND	ND	ND	
7,7-dimethyl-4-methylidenebicyclo [3.1.1]heptane	127-91-3	N/A	204-872-5	0.006	ND	ND	ND	ND	ND	ND	ND	ND	
Caryophyllene	87-44-5	N/A	000-000-0	0.006	ND	ND	ND	ND	ND	ND	ND	ND	
Phellandrene	99-83-2	N/A	202-792-5	<0.001	ND	ND	ND	ND	ND	ND	ND	ND	
Myrcene	123-35-3	N/A	204-622-5	<0.001	ND	ND	ND	ND	ND	ND	ND	ND	
Myrcene PQ (Extra)	123-35-3	N/A	204-622-5	<0.001	ND	ND	ND	ND	ND	ND	ND	ND	
Beta Farnesene	18794-84-8	N/A	242-582-00-0	<0.001	ND	ND	ND	ND	ND	ND	ND	ND	
p-cymene	99-87-6	N/A	202-796-7	<0.001	ND	ND	ND	ND	ND	ND	ND	ND	
@ALPHA CEDRENE	469-61-4	N/A	469-61-4 207-418-4	<0.001	ND	ND	ND	ND	ND	ND	ND	ND	

Section 4 First Aid Measures

4.1	First Aid: Take precautions to ensure your own health and safety before attempting rescue and providing first aid. For specific information refer to the Emergency Overview in Section 2 of this MSDS. Ingestion: Rinse mouth with water and obtain medical attention. Eyes: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist. Skin: Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists. Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
4.2	Medical Conditions aggravated by expose: ND

5. Firefighting Measures

5.1	Flashpoint & method: ~>62 °C				
5.2	Auto-ignition Temperature: NA				
5.3	Flammability limits	Lower explosive limit (LEL)	NA	Upper explosive limit (UEL)	NA

5.4	Extinguishing methods: Carbon dioxide, Dry chemical, Foam.
5.5	Firefighting Procedures: In case of insufficient ventilation, wear suitable respiratory equipment. In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.
Additional information: Heat from fire can generate flammable vapor. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined. Vapors may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapor source. Fine sprays/mists may be combustible at temperatures below normal flash point. Fight fire from a safe distance/protected location. Heat may build enough pressure to rupture closed containers/spreading fire/increasing risk of burns/injuries. Use water spray/fog for cooling. Avoid frothing/steam explosion. Burning liquid may float on water. Although water soluble, may not be practical to extinguish fire by water dilution. Notify authorities immediately if liquid enters sewer/public waters.	

Section 6. Accidental release measures

6.1	Spills: Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.
6.2	Any other forms of release: NF

Section 7. Handling &storage information

7.1	Work & Hygiene practices: ND
7.2	Storage & handling: Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take

	precautionary measures against static discharge.
7.3	Special precautions: NE
7.4	Additional information: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls & personal protection

8.1	Ventilation & engineering controls: No special ventilation is recommended under anticipated conditions of normal use beyond that needed for normal comfort control.		
8.2	Respiratory protection: Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.		
8.3	Eye protection: Wear protective gloves/eye protection/face protection		
8.4	Hand protection: Wear chemical resistant gloves such as: Butyl rubber. or Nitrile. Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn.		
8.5	Body protection:	**HEALTH**	**1**
		FLAMMABILITY	**1**
		PHYSCIAL HAZARDS	**1**
		SPECIAL EQUIPMENT	**C**

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Section 9. Physical & chemical properties

9.1	Density	ND
9.2	Boiling point	ND
9.3	Melting point	>62°c
9.4	Evaporation rate	NA
9.5	Vapour pressure	ND
9.6	Molecular weight	NA
9.7	Appearance & colour	Liquid Clear.
9.8	Odour threshold	NA
9.9	Solubility	ND
9.10	pH	Not Applicable
9.11	Viscosity	ND
9.12	Other information	NA

Section 10. Stability & reactivity

10.1	Stability: This material is stable when properly handled and stored under normal conditions.
10.2	Hazardous Decomposition products: Not expected to occur.
10.3	Hazardous polymerization: Not expected to occur.
10.4	Conditions to avoid: Avoid extreme heat
10.5	Incompatible substances: NA

Section 11. toxicological information

11.1	Toxicity data: NA Mixture: NA	
11.2	Acute toxicity: NA	
11.3	Chronic toxicity: NA	
11.4	Suspected toxicity: NA	
11.5	Reproductive toxicity	
	Mutagenicity	NA
	Embryo toxicity	NA
	Teratogenicity	NA
	Reproductive toxicity	NA
11.6	Irritancy of product: NA	
11.7	Biological exposure indices: NA	
11.8	Physician recommendations: NA	

11.9	Additional information: NA

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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

Section 13. Disposal consideration

13.1	Waste Disposal: Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
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)**	Proper shipping name: Reed Diffuser. It should be suitable for all common ways of transportation such as railway, Auto-car, Air and Sea etc.
14.2	**IATA (AIR)**	
14.3	**IMDG (OCN)**	
14.4	**TDGR (Canadian GND)**	
14.5	**ADR/RID (EU)**	
14.6	**Mexico (SCT)**	
14.7	**ADGR (AUS)**	

Section 15. regulatory information

15.1	U.S EPA SARA reporting requirements :NA
15.2	U.S EPA SARA Threshold planning quantity: NA
15.3	U.S EPA TSCA Inventory Status: NA
15.4	U.S EPA CERCLA reportable quantity (RQ): NA
15.5	Other U.S Federal Requirements: NA
15.6	Other regulations: NA
15.7	U.S State regulatory Information: NA
15.8	67/548/EEC (European Union) and Australia NOHSC:2011 (2003) requirements: NA

MATERIAL SAFETY DATA SHEET

Section 16. Other information

16.1	Other information:
16.2	Terms & definitions: Please refer to last page.
16.3	Disclaimers: This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this MSDS information may not be applicable.
16.4	Prepared for: Dunelm (Soft Furnishings) Ltd
16.5	Company full address: 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
Exposure limits in the air	
ACGIH	American conference on governmental industrial hygienists
TLV	Threshold limit value
OSHA	U.S occupational safety and health administration
PEL	Permissible exposure limit
IDLH	Immediately dangerous to life and health

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.

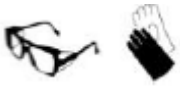
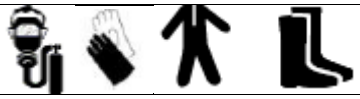
Hazardous materials identification systems: HMISH

Health, Flammability & reactivity ratings

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

	Hazard rating
HEALTH	
FLAMMABILITY	
PHYSICAL HAZARDS	
Personal Protection	

Personal Protection Ratings:

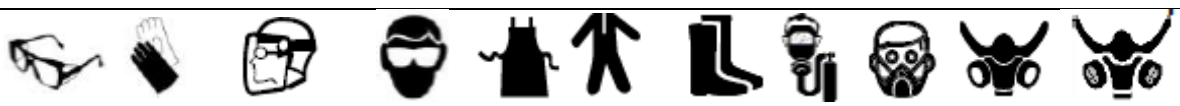
A		**G**	
B		**H**	
C		**I**	
D		**J**	
E		**K**	
F		**X**	**Consult your supervisor or S.O.P for special handling directions.**

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:

Personal Protection ratings:



Saftey 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.

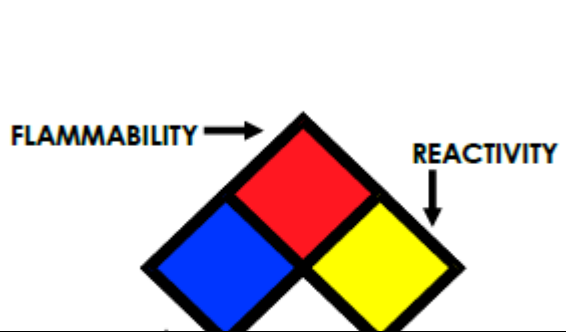
Flammability limits in air	
Auto ignition temperature	Minimum temperature required to initiate combustion in air with no other source of ignition.
LEL	Lower explosive limit- lowest percent of vapour in air, by volume that will explode or ignite in the presence of an ignition source.
UEL	Upper explosive 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

Dunelm	**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:

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
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
TCL0	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 Kow or Log Koc	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