MATERIAL SAFETY DATA SHEET

Section 1 Product Identification

1.1	Product Name : DFresh 200ml Rd Diff Wld Flwrs Blue Daisy
1.2	Chemical Name: N/A
1.3	Article number and barcode: 30216115/5054077395908
1.4	
1.5	Product use: Room Aroma
1.6	Supplier's Name:
1.7	Supplier's Address:
1.8	Emergency Phone: 86 21 5494 2875
1.9	Other

Section 2 Hazard Identification

2.1	Hazard Identification						
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)								
					ACGIH		NOHSC			OSHA			Other
					ppm		ppm			ppm			
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	TLV	STEL	IDLH	
fragrance	N/A	N/A	N/A	10	ND	ND	ND	ND	ND	ND	ND	ND	
DPM	25322-68-3	N/A	N/A	90	ND	ND	ND	ND	ND	ND	ND	ND	

Section 4 First Aid Measures

4.1	Frist Aid: Take proper 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: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Eyes: Immediately flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower lids. If pain or irritation persists, promptly obtain medical attention. Skin: Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water. If sticky, use waterless cleaner first. Flush with lukewarm water for 15 minutes. Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
4.2	Medical Conditions aggravated by expose: ND

5. Firefighting Measures

5.1	Flashpoint & method: ~ 70 °C(158°F)(OpenCup)				
5.2	Auto-ignition Temperature: NA				
5.3	Flammability limits	Lower explosive limit (LEL)	NA	Upper explosive limit (UEL)	NA
5.4	Extinguishing methods: Use dry chemicals, CO2, water spray or alcohol-resistant foam.				

	LARGE FIRE: Use water spray, water fog or alcohol-resistant foam.
5.5	Firefighting Procedures:
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.	

Dunelm	**MATERIAL SAFETY DATA SHEET**

Section 6. Accidental release measures

6.1	Spills: NF
6.2	Any other forms of release: NF

Section 7. Handling &storage information

7.1	Work & Hygiene practices: ND
7.2	Storage & handling: Keep container tightly closed and properly labeled. Store away from heat/moisture/strong oxidizing agents. For industrial use only. When normal handling requires heating, do not heat higher than 28°C/50°F below flash point temperature unless in air-free closed system sealed off from the atmosphere. Handle empty containers with care - residue can burn if heated. Empty containers should be thoroughly rinsed with copious amounts of clean water. The rinse water can be used for makeup water for any necessary dilution of the concentrated product before use, or it can be properly discarded.

7.3	Special precautions: NE
7.4	Additional information: NE

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: No special respiratory protection is recommended under anticipated conditions of normal use with adequate ventilation. A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.		
8.3	Eye protection: Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor.		
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**	**Y**
		FLAMMABILITY	
		PHYSCIAL HAZARDS	
		SPECIAL EQUIPMENT	

Section 9. Physical & chemical properties

9.1	Density	ND
9.2	Boiling point	~ 228 °C (442.4 °F) @ 760 mm Hg
9.3	Melting point	~ -40 °C (-40 °F)
9.4	Evaporation rate	NA
9.5	Vapour pressure	< 0.1 mm Hg @ 21 °C (69.8 °F)
9.6	Molecular weight	NA
9.7	Appearance & colour	Liquid. Clear or light yellow
9.8	Odour threshold	NA
9.9	Solubility	Complete (In All Proportions)
9.10	pH	Not Applicable
9.11	Viscosity	~107 mPa.s @20 °C(68°F)(Kinematic)
9.12	Other information	NA

Section 10. Stability & reactivity

10.1	Stability: This material is stable when properly handled and stored.
10.2	Hazardous Decomposition products: NA
10.3	Hazardous polymerization: Not expected to occur.
10.4	Conditions to avoid: High temperatures, oxidizing conditions.
10.5	Incompatible substances: NA

Section 11. toxicological information

11.1	Toxicity data: NA Mixture: NA	
11.2	Acute toxicity: Vapors may cause irritation of the eyes, nose and throat as well as CNS depression (fatigue, dizziness, loss of concentration, with collapse, coma and death possible in cases of severe overexposure). High vapour concentrations may be irritating to the upper respiratory tract.	
11.3	Chronic toxicity: Chronic toxicity to fish.	
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	

MATERIAL SAFETY DATA SHEET

Section 12. Ecological information

12.1	Environmental stability: Transport between environment compartments: Environmental release of propylene glycol will tend to partition to water and soil, with little potential for evaporation.
12.2	Effect on plants & animals: Acute toxicity to fish, aquatic invertebrates, plants znd microorganisms.
12.3	Effect on aquatic life: NA

Section 13. Disposal consideration

13.1	Waste Disposal: Contaminated product, soil, water, container residues and spill cleanup material maybe hazardous wastes. Comply with applicable federal, state, and local regulations.
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**	

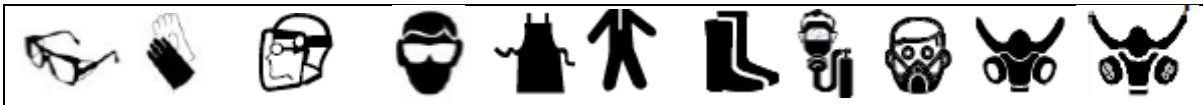
D		**J**	
E		**K**	
F		**X**	**Consult your supervisor or S.O.P for special handling directions.**

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

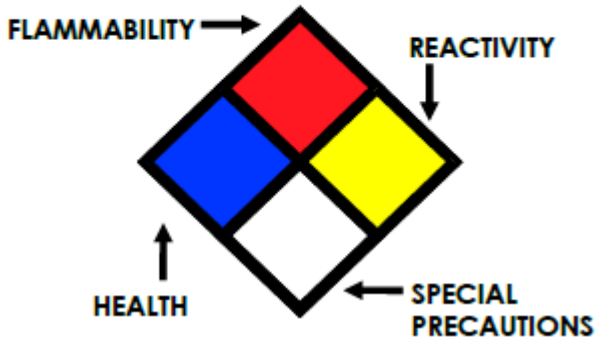
MATERIAL SAFETY DATA SHEET

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

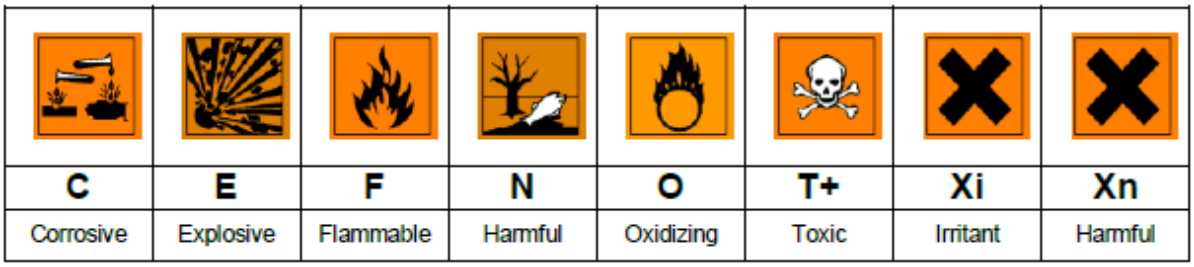
MATERIAL SAFETY DATA SHEET

Definitions of terms

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

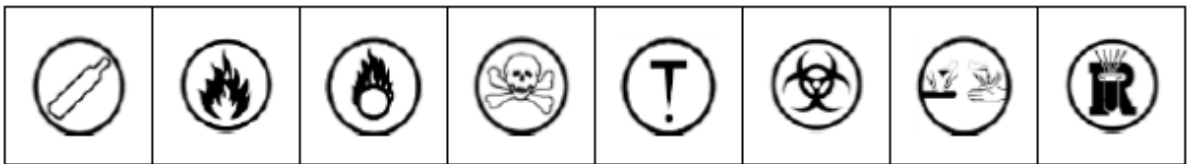
Regulatory information	
CPR	Canada's controlled product regulations
DOT	U.S. Department of transport
EPA	U.S Environmental protection agency
EU	European Union (European union directive 67/548/EEC)
DSL	Canadian domestic substance list
MAK	Mandat und die arbeitsweise der commission (work ares commission)
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