




## MATERIAL SAFETY DATA SHEET

### Section 1 Product Identification

1.1	Product Name Jar Candle Soft Linen and Lace
1.2	Chemical Name N/A
1.3	Article number and barcode 30214735
1.4	5054077388504
1.5	Product use Candle
1.6	Supplier's Name Williams (HS) Limited
1.7	Supplier's Address Sage House, Bowden Hey Road, Chapel-en-le-frith, High Peak. SK23 0QZ
1.8	Emergency Phone +44 1298 813001(Mo-fr, 08.30 – 17.00) +44 7734 229960/+44 7969753360 +44 7570 900688 (Out of hours)
1.9	Other

### Section 2 Hazard Identification

2.1	<p>Hazard Identification: <b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b>            Skin sensitization Category 1 - (H317) Chronic aquatic toxicity Category 3 - (H412)            R43            R52/53  <b>Symbols/Pictograms</b></p>  <p><b>Signal word</b>            WARNING</p> <p><b>Hazard statements</b>            H317 - May cause an allergic skin reaction            H412 - Harmful to aquatic life with long lasting effects</p> <p><b>Precautionary Statements</b>            P261 - Avoid breathing dust/fume/gas/mist/vapors/spray            P272 - Contaminated work clothing should not be allowed out of the workplace            P280 - Wear protective gloves/protective clothing/eye protection/face protection            P302 + P352 - IF ON SKIN: Wash with plenty of soap and water            P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention            P321 - Specific treatment (see supplemental first aid instructions on this label)            P363 - Wash contaminated clothing before reuse            P273 - Avoid release to the environment            P501 - Dispose of contents/ container to an approved waste disposal plant</p>						
2.2	Routes of entry	Inhalation	No	Absorption	No	Ingestion	No
2.3	Effects of exposure Ingestion: If swallowed, no significant adverse health effects are anticipated. Ingestion can						

	<p>cause a laxative effect.                  Eyes: May cause minor eye irritation.                  Skin: May cause an allergic skin reaction.                  Inhalation: Not expected to be an inhalation hazard.</p>
2.4	<p>Symptoms of Over exposure                  Ingestion: Gastrointestinal discomfort, nausea, vomiting, and headache                  Eyes: Moderate irritation, redness, and watering.                  Skin: Contact dermatitis, (rash), characterized by red, dry, itching skin.                  Inhalation: Vapors may be irritating to nose, throat and respiratory tract</p>
2.5	<p>Acute Health Effects                  Ingestion: Gastrointestinal irritation, nausea, and vomiting and diarrhea.                  Eyes: Slight eye irritant                  Skin: Allergic skin reaction                  Inhalation: Acute exposure may cause respiratory tract irritation in some sensitive individuals.</p>
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	

	<h2>MATERIAL SAFETY DATA SHEET</h2>
<h3>Section 3 Composition &amp; Ingredient Information</h3>	

Chemical Name(s)	CAS No.	RT ECs No.	EIN ECS No.	%	Exposure Limits in Air (mg/m <sup>2</sup> )									Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EU) 1272/2008 (CLP)
					ACGIH		NOHSC			OSHA					
					ppm	ppm	ppm	ppm	ppm	ppm	ppm				
					T L V	ST EL	ES - T W A	ES- STEL	ES- PE AK	T L V	ST EL	ID LH			
Paraffin wax	647-42-51-4	NA	165-154-4	75.8-85.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified
palm wax	689-56-68-	NA	273-313-5	10-20	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not classified	Not classified

	3													
UV stabiliser	314 7- 75- 9	NA	221- 573- 5	0- 1	N D	ND	ND	N D	ND	N D	ND	ND	R53	Aquatic Chronic 4 (H413)
Benzyl salicylate	204 - 262 -9	NA	118- 58-1	0. 4- 1	N D	ND	ND	N D	ND	N D	ND	ND	N, Xi R43,R51/53	Skin sens. 1 (H317), Aquatic chronic 2 (H411)
1-(2,3,8,8- Tetramethyl- 1,2,3,4,5,6,7,8 - octahydronaph thalen-2- yl)ethanone	259 - 174 -3	NA	544 64- 57-2	0. 4- 1	N D	ND	ND	N D	ND	N D	ND	ND	Xi, N R38,R43,R51/5 3	Skin irrit. 2 (H315), Skin sens. 1 (H317), Aquatic chronic 1 (H410)
2- Benzylideneoc tanal	202 - 983 -3	NA	101- 86-0	0. 4- 1	N D	ND	ND	N D	ND	N D	ND	ND	Xi R38,R43	Skin sens. 1 (H317), Aquatic chronic 2 (H411)
4-(4-hydroxy- 4- methylpentyl)c yclohex-3- enecarbaldehy de	250 - 863 -4	NA	319 06- 04-4	0. 1- 0. 4	N D	ND	ND	N D	ND	N D	ND	ND	Xi R43,R52/53	Skin sens. 1 (H317), Aquatic chronic 3 (H412)
3,7- dimethyloctan- 3-ol	201 - 133 -9	NA	78- 69-3	0. 1- 0. 4	N D	ND	ND	N D	ND	N D	ND	ND	Xi, N R38,R51/53	Skin irrit. 2 (H315)
2- phenylethanol	200 - 456 -2	NA	60- 12-8	0. 1- 0. 4	N D	ND	ND	N D	ND	N D	ND	ND	Xn R22,R36	Acute Tox. 4 (oral) (H302), Eye Irri. 2 (H319)
3-(4-tert- Butylphenyl)- 2- methylpropana l	201 - 289 -8	NA	80- 54-6	0. 1- 0. 4	N D	ND	ND	N D	ND	N D	ND	ND	Xn, N R22,R38,R43, R51/53,R62	Acute Tox. 4 (oral) (H302), Skin irrit. 2 (H315), Skin sens. 1 (H317), Reprod uctive Toxicity 2 (H361), Aquatic chronic 2 (H411)

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno(5,6-c)pyran	214-946-9	NA	1222-05-5	0.1-0.4	ND	ND	ND	ND	ND	ND	ND	ND	N R50/53	Aquatic chronic 1 (H410)
1-(3-Methoxypropoxy)propan-1-ol	252-104-2	NA	34590-94-8	0.1-0.4	ND	ND	ND	ND	ND	ND	ND	ND	Not Classified	Not Classified

### Section 4 First Aid Measures

4.1	<p><b>First Aid:</b></p> <p><b>Ingestion</b> Rinse mouth Get medical attention Never give anything by mouth to an unconscious person</p> <p><b>Eyes IF IN EYES:</b> 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><b>Skin</b> 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><b>Inhalation IF INHALED:</b> 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><b>Medical Conditions aggravated by expose:</b> May cause allergic skin reaction</p>

### 5. Firefighting Measures

5.1	Flashpoint & method: ND					
5.2	Auto-ignition Temperature: ND					
5.3	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Flammability limits</td> <td style="width: 20%;">Lower explosive limit (LEL)</td> <td style="width: 10%;">ND</td> <td style="width: 20%;">Upper explosive limit (UEL)</td> <td style="width: 10%;">ND</td> </tr> </table>	Flammability limits	Lower explosive limit (LEL)	ND	Upper explosive limit (UEL)	ND
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.					
<p><b>Additional information:</b> Thermal decomposition can lead to release of irritating and toxic gases and vapors</p>						



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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	
	<b>HEALTH</b>	<b>0</b>
	<b>FLAMMABILITY</b>	<b>0</b>
	<b>PHYSICAL HAZARDS</b>	<b>0</b>
	<b>SPECIAL EQUIPMENT</b>	<b>B</b>



## MATERIAL SAFETY DATA SHEET

### 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	74ppC 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

11.1	Toxicity data: AE Dermal>1000; ATE Oral >4640 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	

	<b>MATERIAL SAFETY DATA SHEET</b>
<b>Section 12. Ecological information</b>	

12.1	Environmental stability NA
12.2	Effect on plants & animals NA
12.3	Effect on aquatic life Refer to section 2

<b>Section 13. Disposal consideration</b>
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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

<b>Section 14. Transportation information</b>
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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	<b>49 CFR (GND)</b> Not regulated
14.2	<b>IATA (AIR)</b> Not regulated
14.3	<b>IMDG (OCN)</b> Not regulated
14.4	<b>TDGR (Canadian GND)</b> Not regulated
14.5	<b>ADR/RID (EU)</b> Not regulated
14.6	<b>Mexico (SCT)</b> Not regulated
14.7	<b>ADGR (AUS)</b> 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



## Section 16. Other information

16.1	Other information: <b>This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006</b>
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

### 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		Hazard rating
1	Slight Hazard	<b>HEALTH</b>	
2	Moderate Hazard	<b>FLAMMABILITY</b>	
3	Severe Hazard	<b>PHYSICAL HAZARDS</b>	
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.

	<b>MATERIAL SAFETY DATA SHEET</b>
<b>Definitions of terms</b>	

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### 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

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

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



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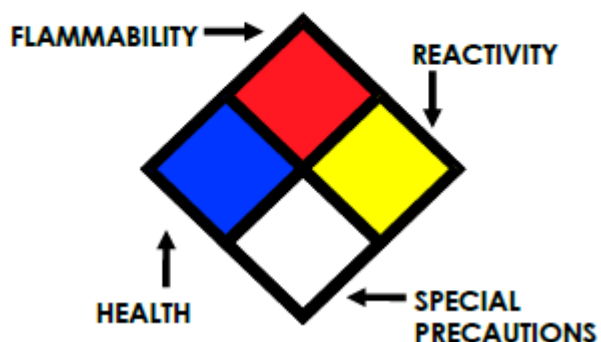
### Definitions of terms

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

#### National fire protection association: NFPA

##### Hazard ratings

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



#### Toxicological information

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



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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:

#### Regulatory information

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

#### EC Information

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

#### WHMIS Information

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